

Product Datasheet

EEA1 Antibody - BSA Free NBP1-30914

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 8

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-30914

Updated 2/21/2025 v.20.1

**Earn rewards for product
reviews and publications.**

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-30914



NBP1-30914

EEA1 Antibody - BSA Free

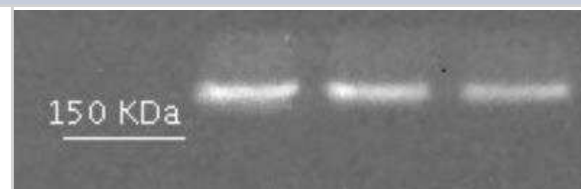
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	162 kDa

Product Description	
Host	Rabbit
Gene ID	8411
Gene Symbol	EEA1
Species	Human, Mouse, Rat, Hamster
Marker	Early Endosome Marker
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human EEA1. The exact sequence is proprietary.

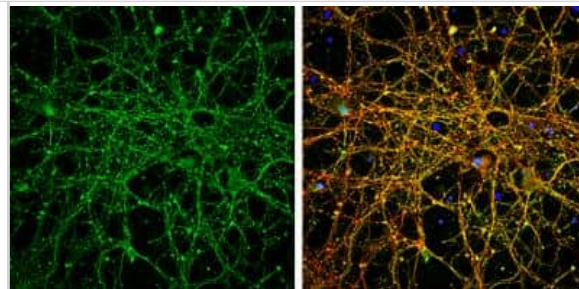
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunomicroscopy
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunomicroscopy Reported in scientific literature (PMID: 27795427)

Images

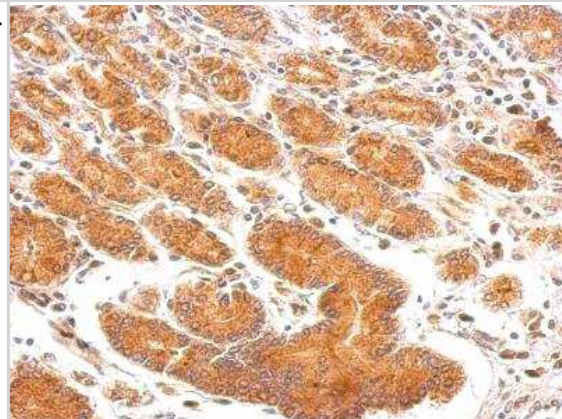
Western Blot: EEA1 Antibody [NBP1-30914] - 30 ug each lane of HEK-293 cell extracts. Image from verified customer review.



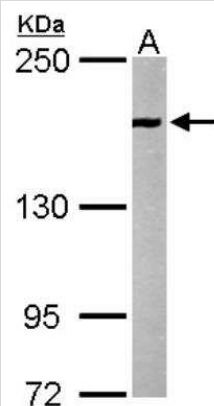
Immunocytochemistry/Immunofluorescence: EEA1 Antibody [NBP1-30914] - DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min. Green: EEA1 protein stained by EEA1 antibody at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody (NBP2-43561) at 1:500. Blue: Fluoroshield with DAPI.



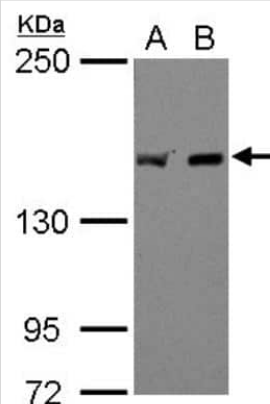
Immunohistochemistry-Paraffin: EEA1 Antibody [NBP1-30914] - Paraffin-embedded colon carcinoma. Antibody at 1:500.



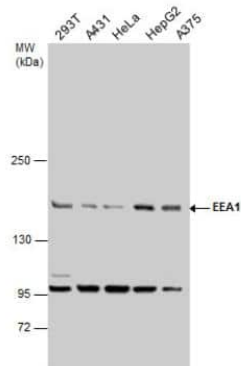
Western Blot: EEA1 Antibody [NBP1-30914] - Mouse brain. 5% SDS PAGE. Antibody at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



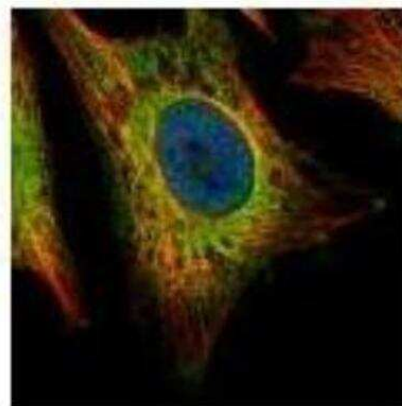
Western Blot: EEA1 Antibody [NBP1-30914] - A. 30 ug PC-12 whole cell lysate/extract, B. 30 ug Rat 2 whole cell lysate/extract. 5% SDS-PAGE. Antibody at 1:1000.



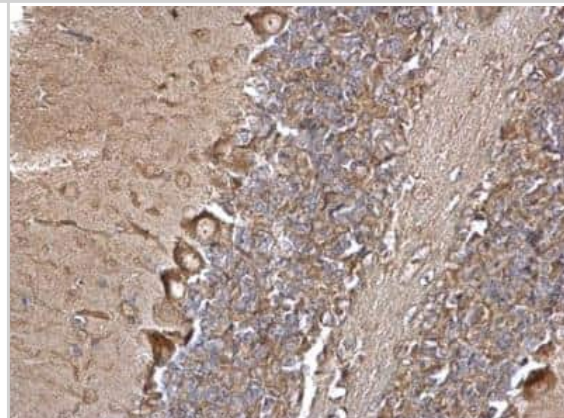
Western Blot: EEA1 Antibody [NBP1-30914] - 30 ug whole cell lysate/extracts B. Antibody at 1:5000.



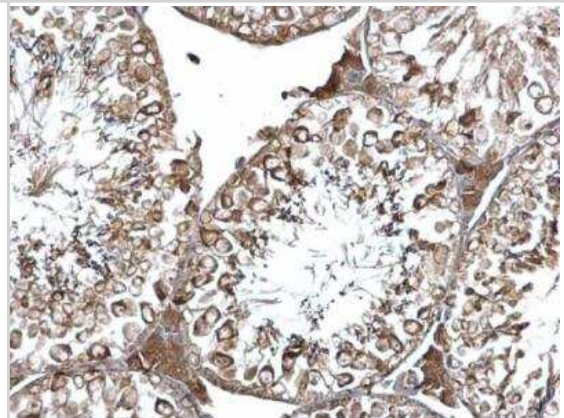
Immunocytochemistry/Immunofluorescence: EEA1 Antibody [NBP1-30914] - Methanol-fixed HeLa cells, using EEA1 (NBP1-30914) antibody (green) at 1:500 dilution. Alpha-tubulin filaments were labeled red.



Immunohistochemistry-Paraffin: EEA1 Antibody [NBP1-30914] - Mouse testis. EEA1 antibody [C3], C-term (GTX109638) dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: EEA1 Antibody [NBP1-30914] - Mouse testis. EEA1 antibody [C3], C-term dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Publications

Supratik Das, Hilal Ahmad Parray, Adarsh Kumar Chiranjivi, Prince Kumar, Abhishek Goswami, Manish Bansal, Deepak Kumar Rathore, Rajesh Kumar, Sweety Samal Kennedy Epitope (KE)-dependent Retrograde Transport of Efficiently Cleaved HIV-1 Envelopes (Envs) and its Effect on Env Cell Surface Expression and Viral Particle Formation. The protein journal 2023-10-04 [PMID: 37794304]

Momei Zhou, Benjamin Vollmer, Emily Machala, Muyuan Chen, Kay Grünewald, Ann M Arvin, Wah Chiu, Stefan L Oliver Targeted mutagenesis of the herpesvirus fusogen central helix captures transition states. Nature communications 2023-12-04 [PMID: 38042814]

Das S, Parray H, Chiranjivi A et al. Kennedy epitope (KE)-dependent retrograde transport of efficiently cleaved HIV-1 envelopes (Envs) and its effect on Env cell surface expression and viral particle formation Research Square 2022-11-10 (Western Blot, Human)

Murakami R, Chiba Y, Nishi N et al. Immunoreactivity of receptor and transporters for lactate located in astrocytes and epithelial cells of choroid plexus of human brain Neurosci Lett 2020-11-16 [PMID: 33212210] (ICC/IF, Human)

Details:

Immunofluorescence analysis and immunohistochemical analysis of human brain samples. Western blot analysis performed in HeLa and HT-29.

Yang E, Arvin AM, Oliver SL. The Glycoprotein B Cytoplasmic Domain Lysine Cluster Is Critical for Varicella Zoster Virus Cell-Cell Fusion Regulation and Infection. J. Virol. 2016-10-26 [PMID: 27795427] (IM)

Yang E, Arvin AM, Oliver SL. The cytoplasmic domain of varicella-zoster virus glycoprotein h regulates syncytia formation and skin pathogenesis. PLoS Pathog. 2014-05-01 [PMID: 24874654] (ICC/IF, Human)

Details:

Human melanoma cells transiently expressing gH[WT] or gH mutants with gL at 24 hours post transfection were immunostained for early endosome antigen (EEA1) with anti-EEA1 antibody - immunostaining appearing as punctae in the cytoplasm (Figure 4). Human melanoma cells at 24 (Uninfected) or infection with pOka-gH[?834-841], pOka-gH[TL], pOka-gH[Y835A], pOka-gH[Y835F], pOka-gH[V5], pOka-gH[834StopV5], or pOka viruses were also stained for EEA1 (Figure 8).

Oliver SL, Brady JJ, Sommer MH et al. An immunoreceptor tyrosine-based inhibition motif in varicella-zoster virus glycoprotein B regulates cell fusion and skin pathogenesis. Proc Natl Acad Sci U S A 2013-01-29 [PMID: 23322733] (ICC/IF, Human)

Chen YT, Tsai MS, Yang TL et al. R26R-GR: a Cre-activable dual fluorescent protein reporter mouse. PLoS One 2012-01-01 [PMID: 23049968] (ICC/IF, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-30914

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008411-Q01-10ug	Recombinant Human EEA1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-30914

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

