

Product Datasheet

AK5 Antibody - BSA Free NBP1-89453

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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-89453

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/NBP1-89453



NBP1-89453

AK5 Antibody - BSA Free

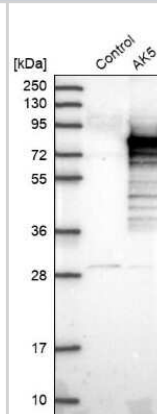
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	26289
Gene Symbol	AK5
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KLFPNKEAAAGSSDLDPMSMILDTGEIIDTGSDYEDQGDDQLNVFGEDTMGGFM EDLRKCKIIFIIGPGSGKGTQCEKLVE

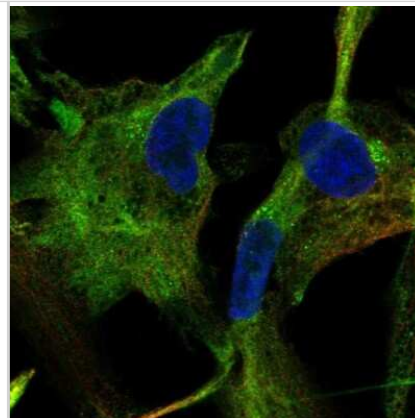
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

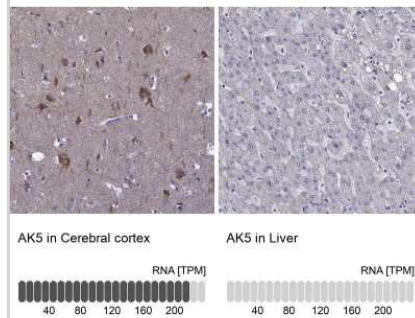
Western Blot: AK5 Antibody [NBP1-89453] - Analysis in control (vector only transfected HEK293T lysate) and AK5 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



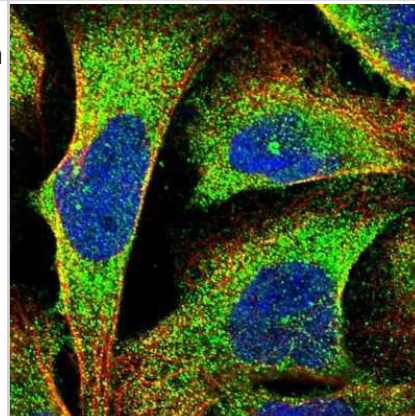
Immunocytochemistry/Immunofluorescence: AK5 Antibody [NBP1-89453] - Staining of human cell line LHCN-M2 shows localization to cytosol. Antibody staining is shown in green.



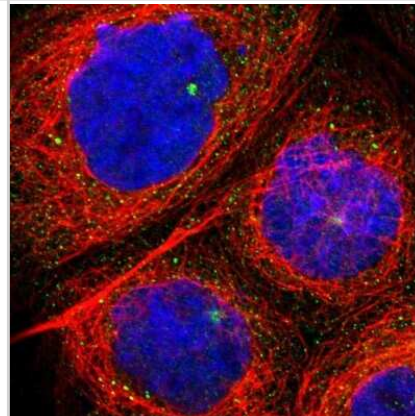
Immunohistochemistry-Paraffin: AK5 Antibody [NBP1-89453] - Staining in human cerebral cortex and liver tissues using anti-AK5 antibody. Corresponding AK5 RNA-seq data are presented for the same tissues.



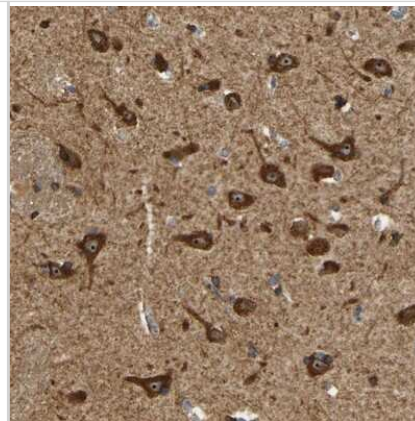
Immunocytochemistry/Immunofluorescence: AK5 Antibody [NBP1-89453] - Staining of human cell line U-2 OS shows positivity in cytoplasm and centrosome. Antibody staining is shown in green.



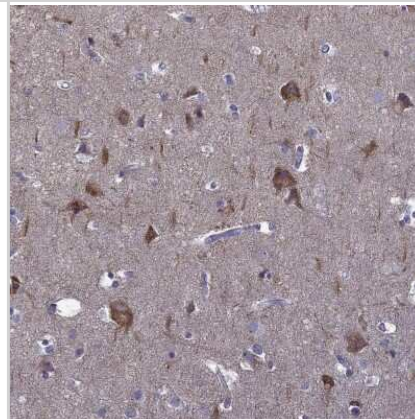
Immunocytochemistry/Immunofluorescence: AK5 Antibody [NBP1-89453] - Immunofluorescent staining of human cell line A-431 shows localization to cytosol & microtubule organizing center.



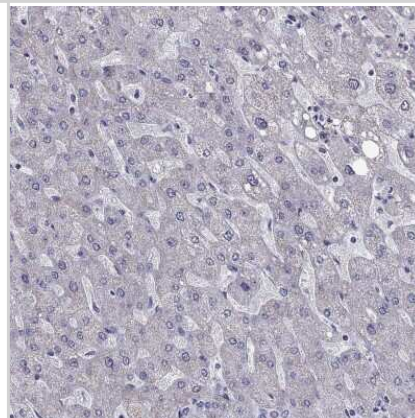
Immunohistochemistry-Paraffin: AK5 Antibody [NBP1-89453] - Staining of human hippocampus shows strong cytoplasmic and nucleolar positivity in neuronal cells.



Immunohistochemistry-Paraffin: AK5 Antibody [NBP1-89453] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: AK5 Antibody [NBP1-89453] - Staining of human liver shows low expression as expected.





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 NBP1-89453

NBP1-89453PEP	AK5 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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/NBP1-89453

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

