

Product Datasheet

AK3L1 Antibody - BSA Free

NBP2-47553

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/NBP2-47553

Updated 9/9/2025 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/NBP2-47553



NBP2-47553

AK3L1 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

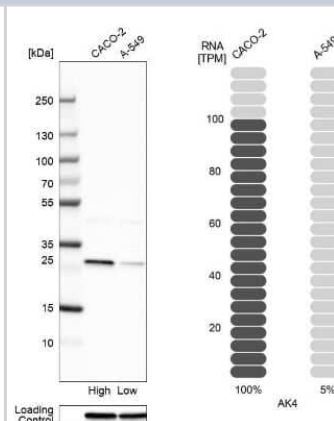
Description	Novus Biologicals Rabbit AK3L1 Antibody - BSA Free (NBP2-47553) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	205
Gene Symbol	AK4
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: PEAVAARLRQYKDVAKPVIELYKSRGVLHQF

Product Application Details

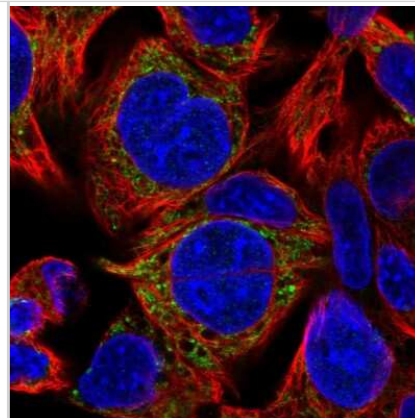
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

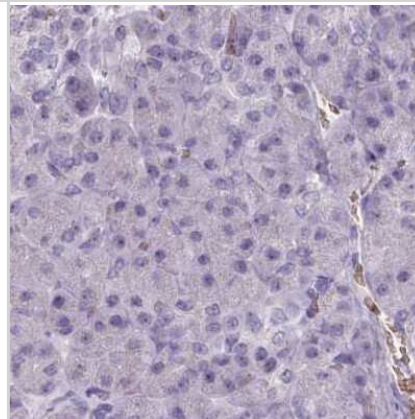
Western Blot: AK3L1 Antibody [NBP2-47553] - Analysis in human cell line CACO-2 and human cell line A-549.



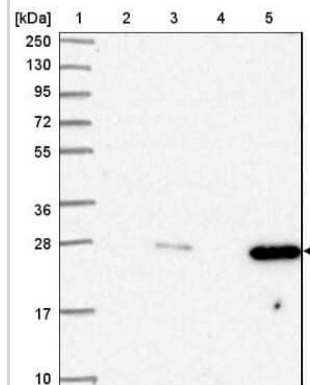
Immunocytochemistry/Immunofluorescence: AK3L1 Antibody [NBP2-47553] - Immunofluorescent staining of human cell line Hep G2 shows localization to mitochondria.



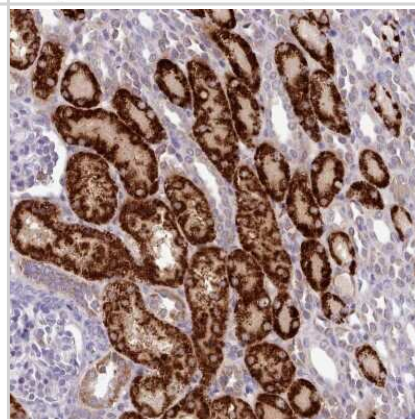
Immunohistochemistry-Paraffin: AK3L1 Antibody [NBP2-47553] - Staining of human pancreas using Anti-AK4 antibody NBP2-47553.



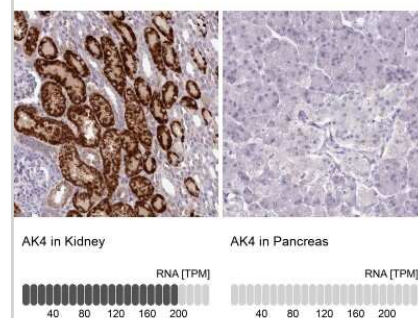
Western Blot: AK3L1 Antibody [NBP2-47553] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue.



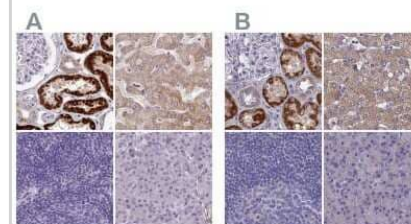
Immunohistochemistry-Paraffin: AK3L1 Antibody [NBP2-47553] - Staining of human kidney shows high expression.



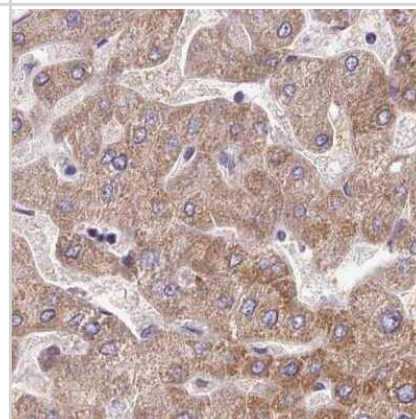
Immunohistochemistry-Paraffin: AK3L1 Antibody [NBP2-47553] - Staining in human kidney and pancreas tissues using anti-AK4 antibody. Corresponding AK4 RNA-seq data are presented for the same tissues.



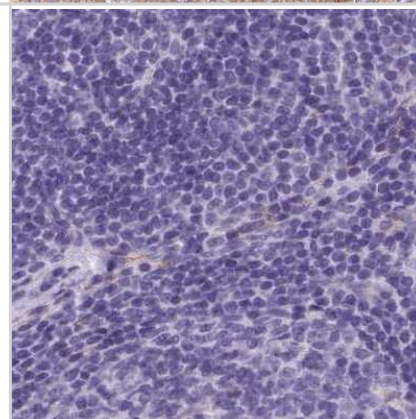
Immunohistochemistry-Paraffin: AK3L1 Antibody [NBP2-47553] - Staining of human kidney, liver, lymph node and pancreas using Anti-AK4 antibody NBP2-47553 (A) shows similar protein distribution across tissues to independent antibody NBP2-48773 (B).



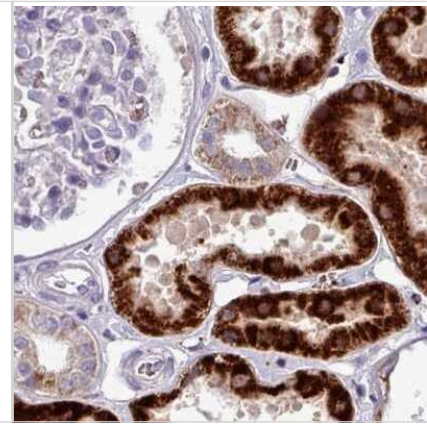
Immunohistochemistry-Paraffin: AK3L1 Antibody [NBP2-47553] - Staining of human liver.



Immunohistochemistry-Paraffin: AK3L1 Antibody [NBP2-47553] - Staining of human lymph node.



Immunohistochemistry-Paraffin: AK3L1 Antibody [NBP2-47553] -
Staining of human kidney using Anti-AK4 antibody NBP2-47553.





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 NBP2-47553

NBP2-47553PEP	AK3L1 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/NBP2-47553

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

