

Product Datasheet

Choline kinase alpha Antibody - BSA Free NBP1-85630

Unit Size: 0.1 ml

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

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Publications: 1

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NBP1-85630

Choline kinase alpha Antibody - BSA Free

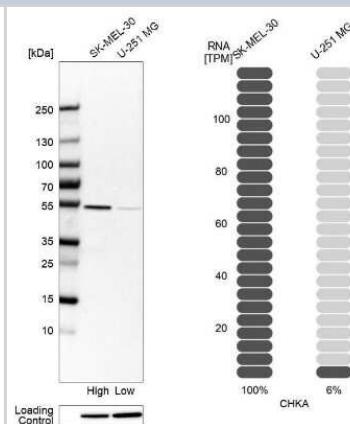
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	1119
Gene Symbol	CHKA
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (88%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FDIGNHFCEWMYDYSYKYPFFRANIRKYPTKKQQLHFISYLPAPFQNDNFENLS TEEKSIIKEEMLLEVNRFALASHFLWGLWSIVQAKIS

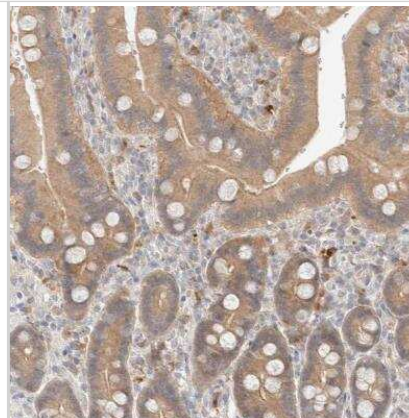
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Western Blot: Choline kinase alpha Antibody [NBP1-85630] - Analysis in human cell lines SK-MEL-30 and U-251MG using anti-CHKA antibody. Corresponding CHKA RNA-seq data are presented for the same cell lines. Loading control: anti-HDAC1.



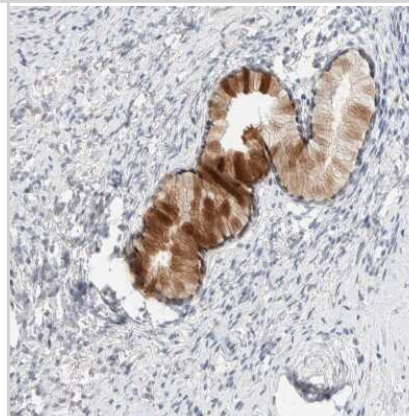
Immunohistochemistry-Paraffin: Choline kinase alpha Antibody [NBP1-85630] - Staining of human gastrointestinal shows moderate cytoplasmic positivity in glandular cells.



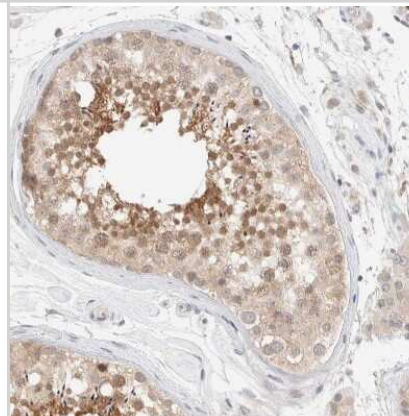
Immunohistochemistry-Paraffin: Choline kinase alpha Antibody [NBP1-85630] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



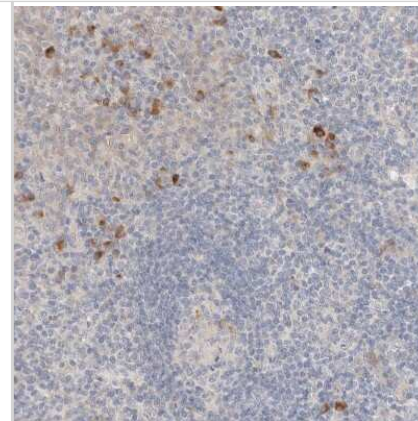
Immunohistochemistry-Paraffin: Choline kinase alpha Antibody [NBP1-85630] - Staining of human cervix shows moderate to strong positivity in mucus in glandular cells.



Immunohistochemistry-Paraffin: Choline kinase alpha Antibody [NBP1-85630] - Staining of human testis shows weak to moderate positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Choline kinase alpha Antibody [NBP1-85630] - Staining of human lymphoid tissues shows moderate cytoplasmic positivity in lymphoid cells.



Publications

Greenstein D, Tsukamoto T, Gearhart MD, Kim S Imaging and Tissue Biomarkers of Choline Metabolism in Diffuse Adult Glioma: 18F-Fluoromethylcholine PET/CT, Magnetic Resonance Spectroscopy, and Choline Kinase alpha Cancers (Basel) 2019-12-07 [PMID: 31817833] (IF/IHC, Human)



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Products Related to NBP1-85630

NBP1-85630PEP	Choline kinase alpha 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.

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