

Product Datasheet

KLC2 Antibody - BSA Free NBP1-83722

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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NBP1-83722

KLC2 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

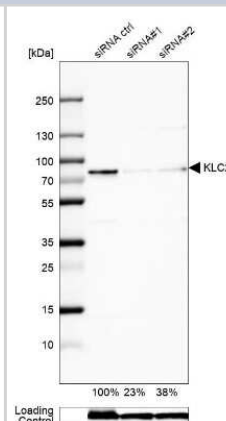
Host	Rabbit
Gene ID	64837
Gene Symbol	KLC2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%), Rat (88%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TLEDCASRNKRKQGLDPASQTKVVELLDGSGRRGDRRSSRDMAGGAGPRSE SDLEDVGPTAEWNG

Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:10-1:20, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

Western Blot: KLC2 Antibody [NBP1-83722] - Analysis in U-138MG cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



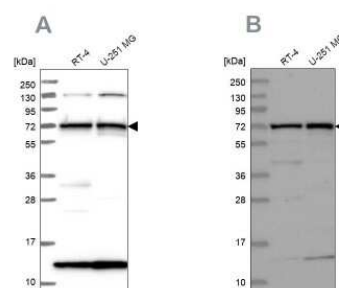
Immunocytochemistry/Immunofluorescence: KLC2 Antibody [NBP1-83722] - Staining of human cell line U-2 OS shows localization to nucleoplasm, cytosol & mitochondria. Antibody staining is shown in green.



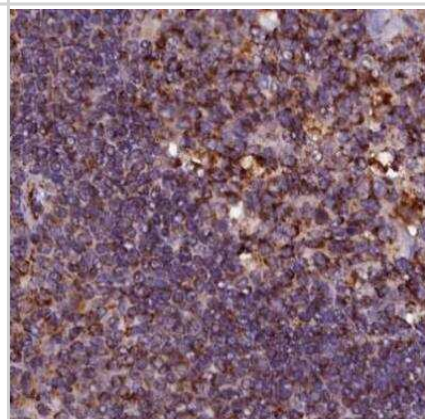
Immunohistochemistry-Paraffin: KLC2 Antibody [NBP1-83722] - Staining of human testis shows strong granular cytoplasmic positivity in cells in seminiferous ducts.



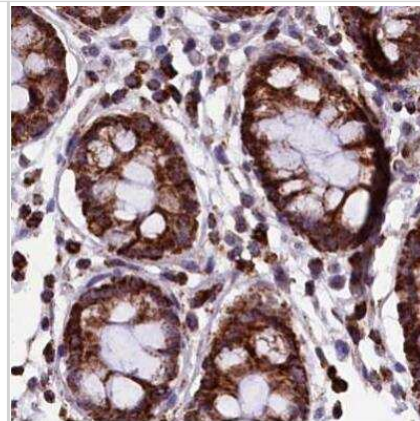
Western Blot: KLC2 Antibody [NBP1-83722] - Analysis using Anti-KLC2 antibody NBP1-83722 (A) shows similar pattern to independent antibody NBP1-83723 (B).



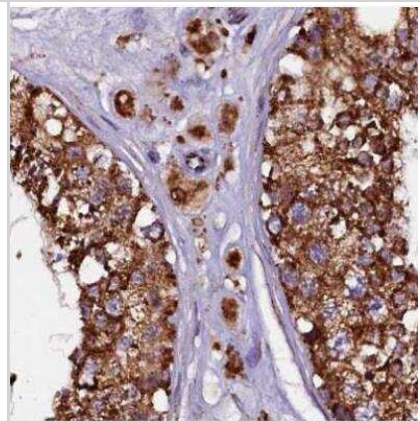
Immunohistochemistry-Paraffin: KLC2 Antibody [NBP1-83722] - Staining of human lymph node using Anti-KLC2 antibody.



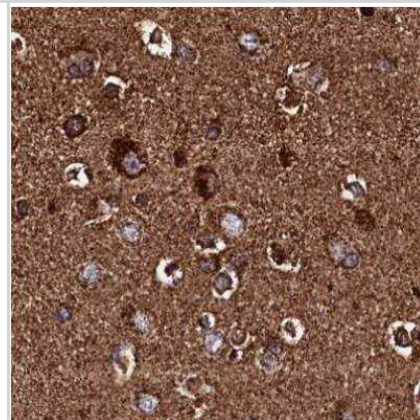
Immunohistochemistry-Paraffin: KLC2 Antibody [NBP1-83722] - Staining of human colon using Anti-KLC2 antibody.



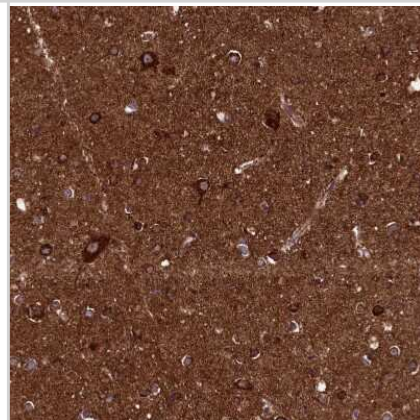
Immunohistochemistry-Paraffin: KLC2 Antibody [NBP1-83722] - Staining of human testis using Anti-KLC2 antibody.



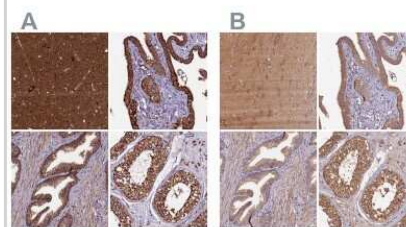
Immunohistochemistry-Paraffin: KLC2 Antibody [NBP1-83722] - Staining of human cerebral cortex using Anti-KLC2 antibody.



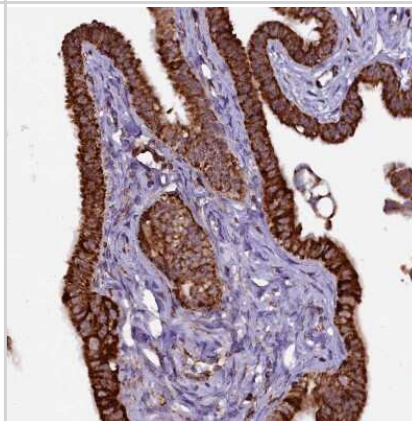
Immunohistochemistry-Paraffin: KLC2 Antibody [NBP1-83722] - Staining of human cerebral cortex shows strong positivity in neuropil.



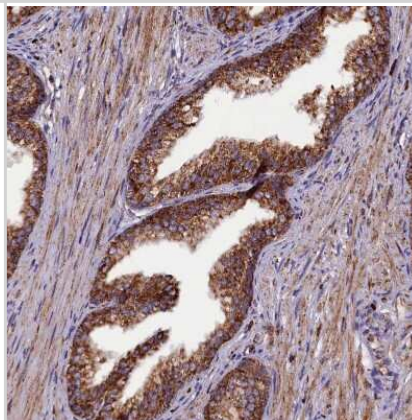
Immunohistochemistry-Paraffin: KLC2 Antibody [NBP1-83722] - Staining of human cerebral cortex, fallopian tube, prostate and testis using Anti-KLC2 antibody NBP1-83722 (A) shows similar protein distribution across tissues to independent antibody NBP1-83723 (B).



Immunohistochemistry-Paraffin: KLC2 Antibody [NBP1-83722] - Staining of human Fallopian tube shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: KLC2 Antibody [NBP1-83722] - Staining of human prostate shows strong granular cytoplasmic positivity in glandular cells.





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Products Related to NBP1-83722

NBP1-83722PEP	KLC2 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

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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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