

Product Datasheet

KIF1C Antibody - BSA Free

NBP1-85978

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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NBP1-85978

KIF1C 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

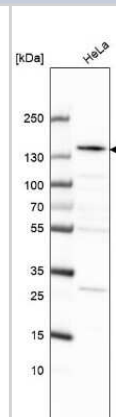
Host	Rabbit
Gene ID	10749
Gene Symbol	KIF1C
Species	Human
Reactivity Notes	Mouse reactivity (81%), Rat (83%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SGEAPTLPQPPEEVTPHPATPARRPPSPRRSHHPRRNSLDGGGRSRGAGSA QPEPQHFQPKKHNSYPQPPQPYPAQRPPGPRYPPTYTPPRMRRQRSAPDL

Product Application Details

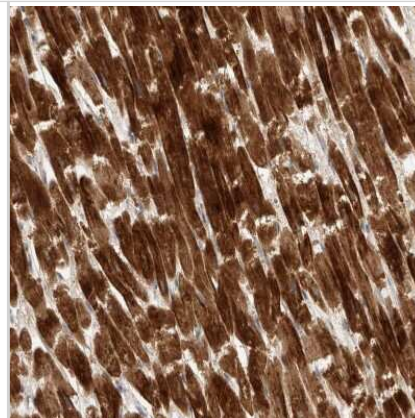
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:10-1:20
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

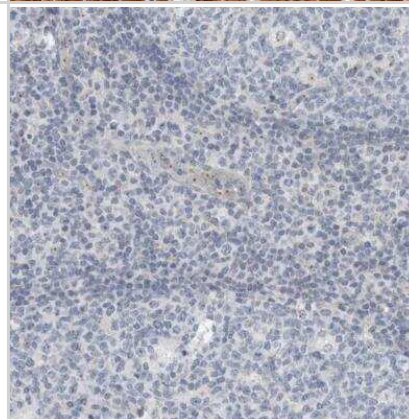
Western Blot: KIF1C Antibody [NBP1-85978] - Analysis in human cell line HeLa.



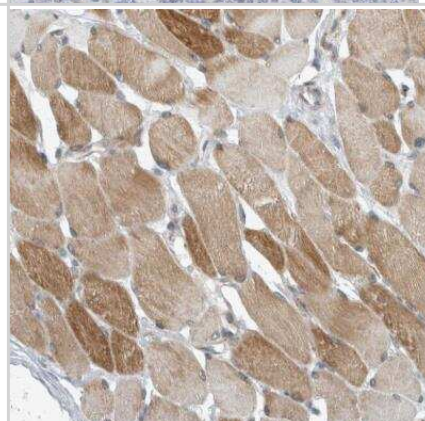
Immunohistochemistry-Paraffin: KIF1C Antibody [NBP1-85978] - Staining of human heart muscle shows strong cytoplasmic positivity in cardiomyocytes.



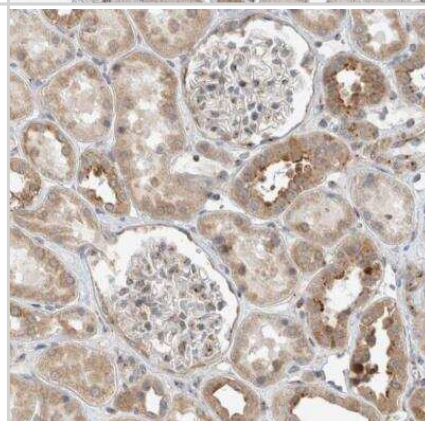
Immunohistochemistry-Paraffin: KIF1C Antibody [NBP1-85978] - Staining of human tonsil shows low positivity in non-germinal center cells as expected.



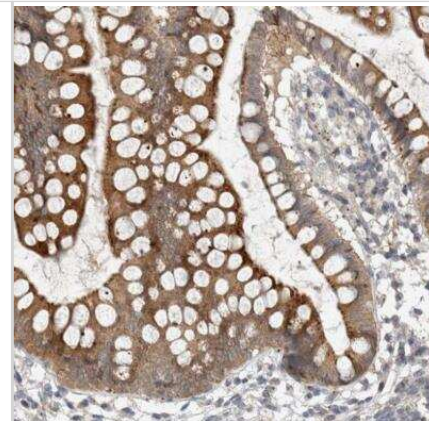
Immunohistochemistry-Paraffin: KIF1C Antibody [NBP1-85978] - Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: KIF1C Antibody [NBP1-85978] - Staining of human kidney shows weak to moderate cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: KIF1C Antibody [NBP1-85978] - Staining of human small intestine shows moderate cytoplasmic positivity in glandular cells.



Publications

Kendrick A A, Dickey A M et al. Hook3 is a scaffold for the opposite-polarity microtubule-based motors cytoplasmic dynein-1 and KIF1C. J Cell Biol 2019-02-09 [PMID: 31320392] (WB, Human)

Kobayakawa M, Matsubara T, Mizokami A et al. Kif1c regulates osteoclastic bone resorption as a downstream molecule of p130Cas Cell Biochem. Funct. 2019-12-30 [PMID: 31887784]



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Products Related to NBP1-85978

NBP1-85978PEP	KIF1C 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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