

Product Datasheet

FHL2 Antibody - BSA Free NBP1-84978

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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NBP1-84978

FHL2 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

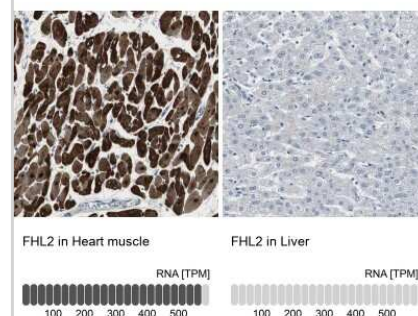
Host	Rabbit
Gene ID	2274
Gene Symbol	FHL2
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 20029370)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RFDCHHCNESLFGKKYILREESPYCVVCFETLFANTCEECKGKPIGCDCKDLSYK DRHWHEACFHCSQCRNSLVDKPFAAKEDQLLCTDCYSNEYSSKQCQECKKTIM PGTRKMEYKGSS

Product Application Details

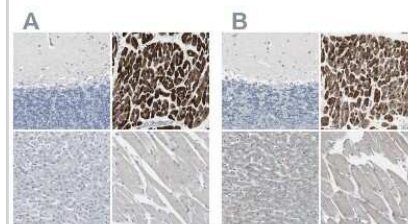
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

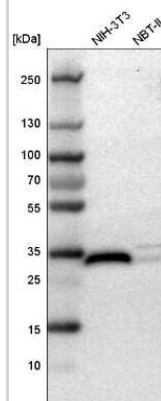
Immunohistochemistry-Paraffin: FHL2 Antibody [NBP1-84978] - Analysis in human heart muscle and liver tissues. Corresponding FHL2 RNA-seq data are presented for the same tissues.



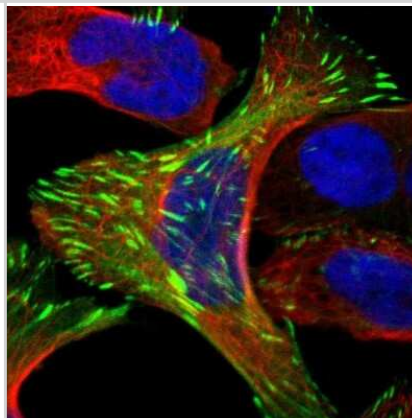
Immunohistochemistry-Paraffin: FHL2 Antibody [NBP1-84978] - Staining of human cerebellum, heart muscle, liver and skeletal muscle using Anti-FHL2 antibody NBP1-84978 (A) shows similar protein distribution across tissues to independent antibody NBP1-84979 (B).



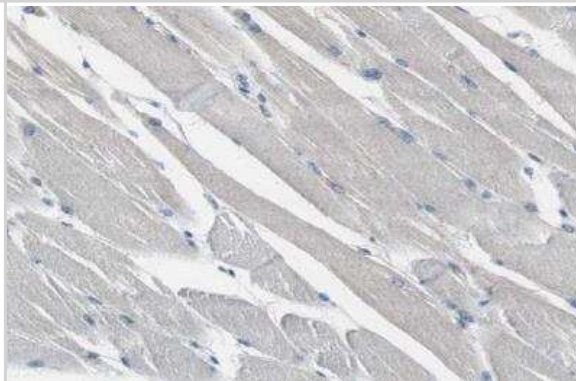
Western Blot: FHL2 Antibody [NBP1-84978] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



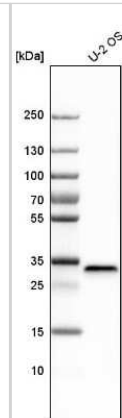
Immunocytochemistry/Immunofluorescence: FHL2 Antibody [NBP1-84978] - Immunofluorescent staining of human cell line U-2 OS shows localization to actin filaments & focal adhesion sites.



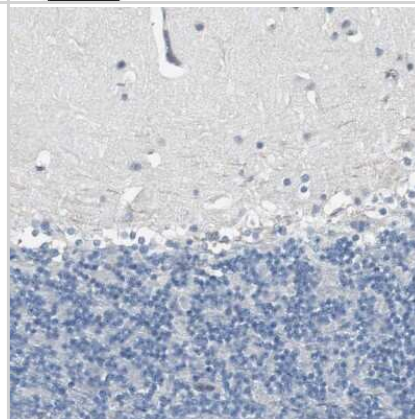
Immunohistochemistry-Paraffin: FHL2 Antibody [NBP1-84978] - Staining of human skeletal muscle shows low positivity in myocytes as expected.



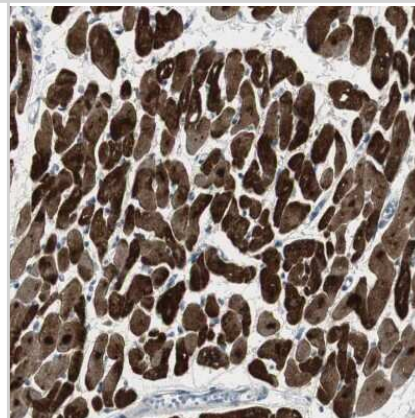
Western Blot: FHL2 Antibody [NBP1-84978] - Analysis in human cell line U-2 OS.



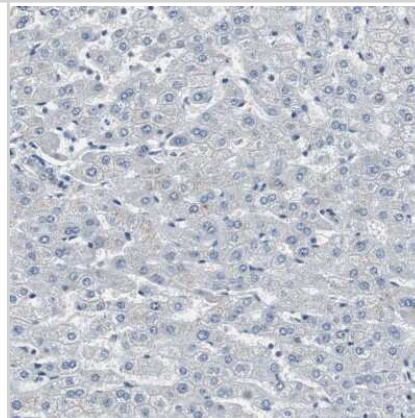
Immunohistochemistry-Paraffin: FHL2 Antibody [NBP1-84978] - Staining of human cerebellum shows low positivity as expected.



Immunohistochemistry-Paraffin: FHL2 Antibody [NBP1-84978] - Staining of human heart muscle shows strong cytoplasmic and nuclear positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: FHL2 Antibody [NBP1-84978] - Staining of human liver shows low positivity in hepatocytes as expected.



Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. J Proteomics 2012-04-03 [PMID: 22361696]

Ponten F, Gry M, Fagerberg L et al. A global view of protein expression in human cells, tissues, and organs. Mol Syst Biol 2009-01-01 [PMID: 20029370]





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Products Related to NBP1-84978

NBP1-84978PEP	FHL2 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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