

Product Datasheet

PHLDB2 Antibody - BSA Free NBP2-38238

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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NBP2-38238

PHLDB2 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

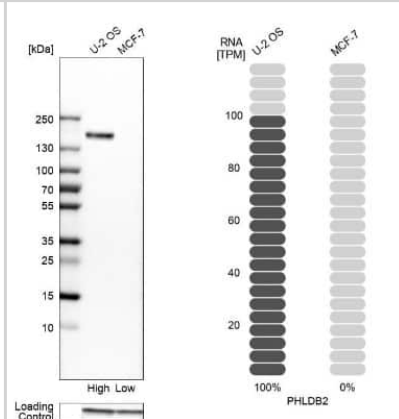
Product Description	
Host	Rabbit
Gene ID	90102
Gene Symbol	PHLDB2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: NPNTLKEGYISVNEINEPCGNSTNLSPSTQFPADADAVATEPATAVLASQPQSK EHFRSLEERKKQHKEGLYLSDTLPRKKTSSISPHFSSATM

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Proximity Ligation Assay
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Proximity Ligation Assay Reported in scientific literature (PMID:34952201).
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

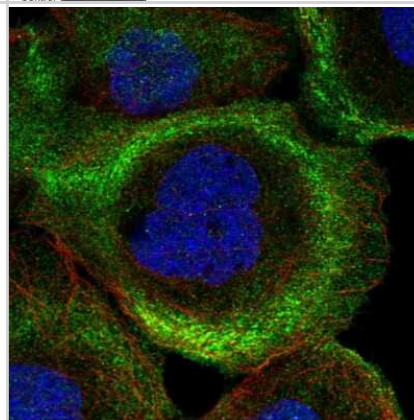


Images

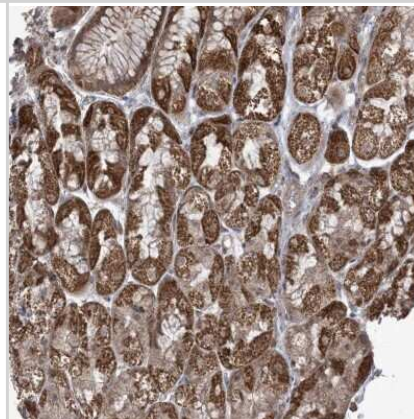
Western Blot: PHLDB2 Antibody [NBP2-38238] - Analysis in human cell lines U2OS and MCF-7 using anti-PHLDB2 antibody. Corresponding PHLDB2 RNA-seq data are presented for the same cell lines. Loading control: anti-GAPDH.



Immunocytochemistry/Immunofluorescence: PHLDB2 Antibody [NBP2-38238] - Staining of human cell line A-431 shows localization to plasma membrane & cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: PHLDB2 Antibody [NBP2-38238] - Staining of human stomach, upper shows strong cytoplasmic positivity in granular pattern in glandular cells.



Publications

Luo M, Huang Z, Yang X et al. PHLDB2 Mediates Cetuximab Resistance via Interacting With EGFR in Latent Metastasis of Colorectal Cancer Cellular and molecular gastroenterology and hepatology 2021-12-22 [PMID: 34952201] (IHC-P, PLA, Human)



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Products Related to NBP2-38238

NBP2-38238PEP	PHLDB2 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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