

Product Datasheet

PIEZO1 Antibody (CL9714) - BSA Free NBP2-88938

Unit Size: 100 ul

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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NBP2-88938

PIEZO1 Antibody (CL9714) - BSA Free

Product Information

Unit Size	100 ul
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	Monoclonal
Clone	CL9714
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS, pH 7.2, containing 40% glycerol

Product Description

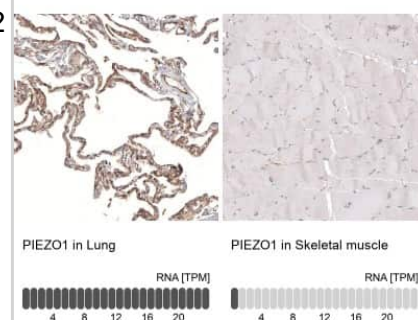
Host	Mouse
Gene ID	9780
Gene Symbol	PIEZO1
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from Q92508, with the exact immunogen sequence remaining proprietary.

Product Application Details

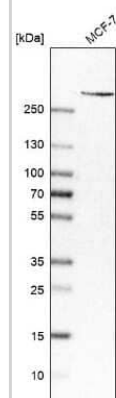
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

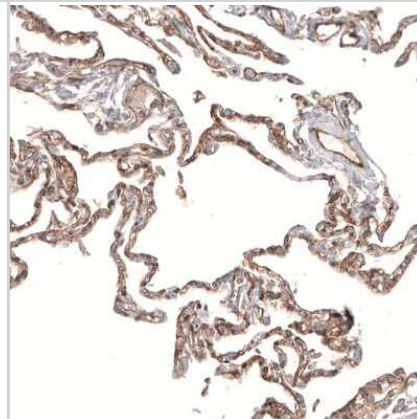
Immunohistochemistry-Paraffin: PIEZO1 Antibody (CL9714) [NBP2-88938] - Analysis in human lung and skeletal muscle tissues using NBP2-88938 antibody. Corresponding PIEZO1 RNA-seq data are presented for the same tissues.



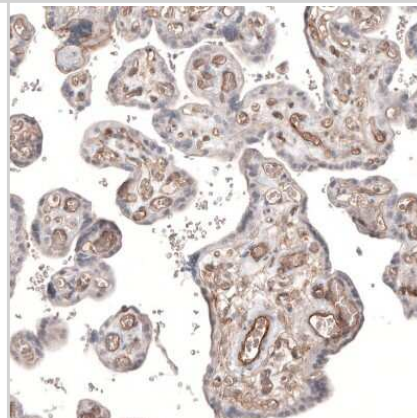
Western Blot: PIEZO1 Antibody (CL9714) [NBP2-88938] - Analysis in human cell line MCF-7.



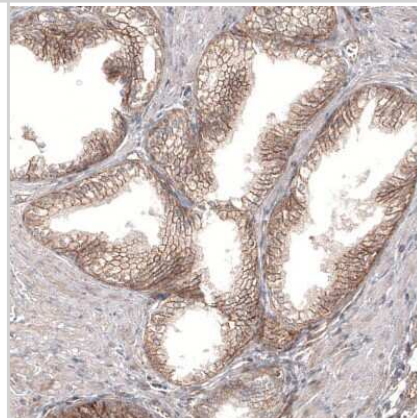
Immunohistochemistry-Paraffin: PIEZO1 Antibody (CL9714) [NBP2-88938] - Staining of human lung shows moderate membranous positivity in pneumocytes.



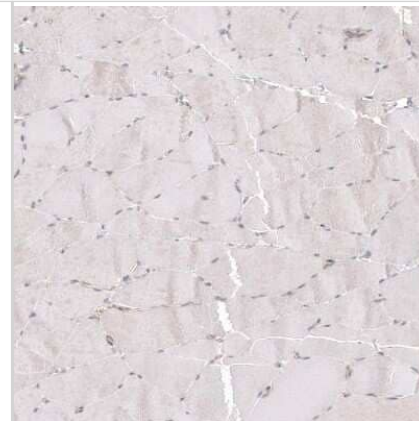
Immunohistochemistry-Paraffin: PIEZO1 Antibody (CL9714) [NBP2-88938] - Staining of human placenta shows moderate membranous positivity in endothelial cells.



Immunohistochemistry-Paraffin: PIEZO1 Antibody (CL9714) [NBP2-88938] - Staining of human prostate shows moderate membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: PIEZO1 Antibody (CL9714) [NBP2-88938] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Zhou Z, Li J, Martinac B, Cox C Loss-of-Function Piezo1 Mutations Display Altered Stability Driven by Ubiquitination and Proteasomal Degradation *Frontiers in Pharmacology* 2021-11-19 [PMID: 34867393] (WB, Human)



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Products Related to NBP2-88938

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-78537PEP	PIEZO1 Antibody Blocking Peptide

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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