

Product Datasheet

ELOVL5 Antibody - BSA Free

NBP2-33500

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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Publications: 1

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NBP2-33500

ELOVL5 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

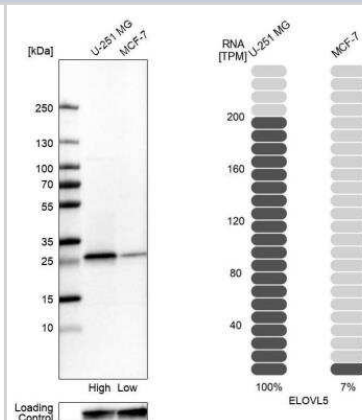
Host	Rabbit
Gene ID	60481
Gene Symbol	ELOVL5
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: QTYNKKGASRRKDHLKDHQNGSMAAVNGHTNSFSPLENNVKPRKLRKD

Product Application Details

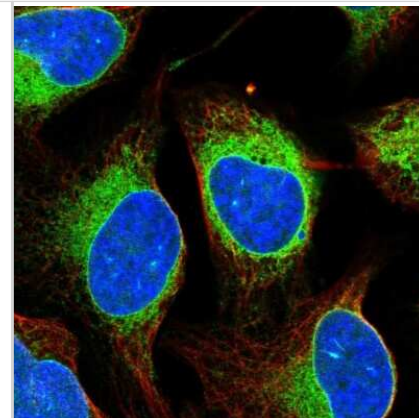
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 -1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500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

Images

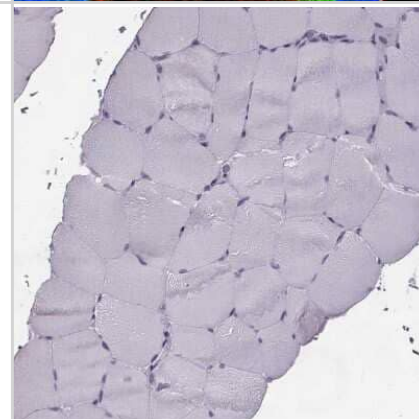
Western Blot: ELOVL5 Antibody [NBP2-33500] - Analysis in human cell lines U-251MG and MCF-7. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



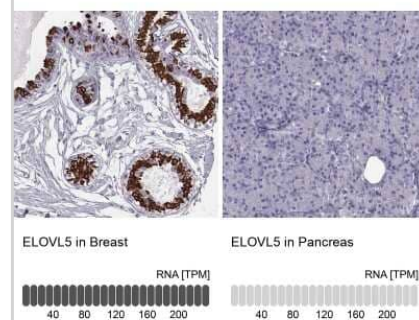
Immunocytochemistry/Immunofluorescence: ELOVL5 Antibody [NBP2-33500] - Staining of human cell line U-2 OS shows localization to endoplasmic reticulum. Antibody staining is shown in green.



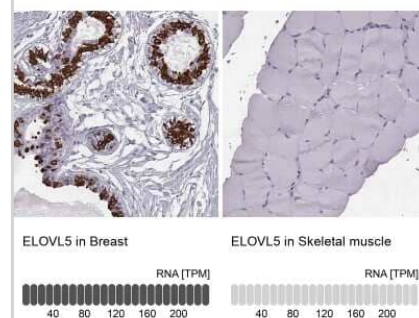
Immunohistochemistry-Paraffin: ELOVL5 Antibody [NBP2-33500] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



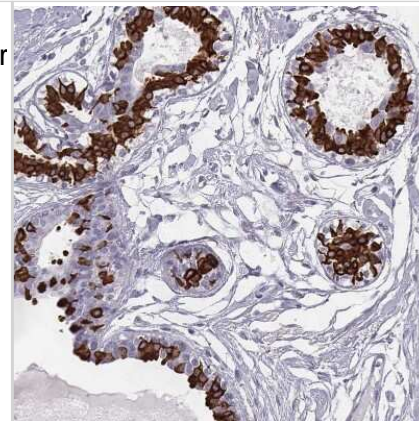
Immunohistochemistry-Paraffin: ELOVL5 Antibody [NBP2-33500] - Staining in human breast and pancreas tissues using anti-ELOVL5 antibody. Corresponding ELOVL5 RNA-seq data are presented for the same tissues.



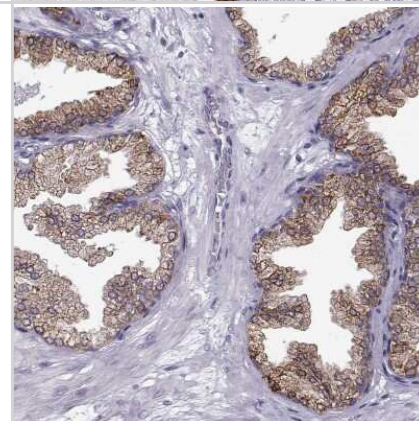
Immunohistochemistry-Paraffin: ELOVL5 Antibody [NBP2-33500] - Analysis in human breast and skeletal muscle tissues. Corresponding ELOVL5 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: ELOVL5 Antibody [NBP2-33500] - Staining of human breast shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: ELOVL5 Antibody [NBP2-33500] - Staining of human prostate shows moderate granular cytoplasmic positivity in glandular cells.



Publications

Ilaria Balbo, Francesca Montarolo, Enrica Boda, Filippo Tempia, Eriola Hoxha Elov15 Expression in the Central Nervous System of the Adult Mouse *Frontiers in Neuroanatomy* 2021-04-29 [PMID: 33994961]



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Products Related to NBP2-33500

NBP2-33500PEP	ELOVL5 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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