

Product Datasheet

DHPS Antibody - BSA Free NBP1-82648

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: 2

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NBP1-82648

DHPS 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

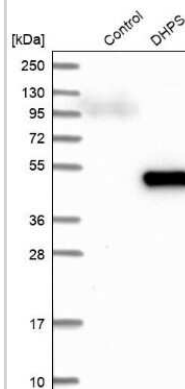
Host	Rabbit
Gene ID	1725
Gene Symbol	DHPS
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QVRGYDFNRGBVNYRALLEAFGTTGFQATNFGRAVQQVNAMIEKKLEPLSQDE DQHADLTQSRRLTSTIFLGYTSNLISSGIRETIRYLVQHNMVVDVLVTTAGGVE EDLIKC

Product Application Details

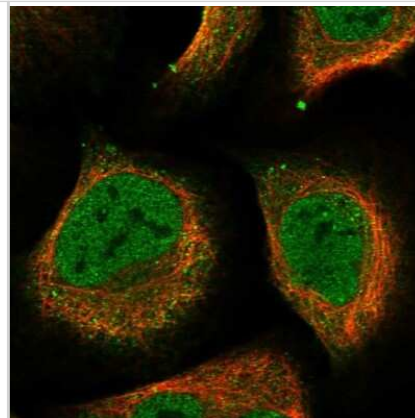
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500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

Images

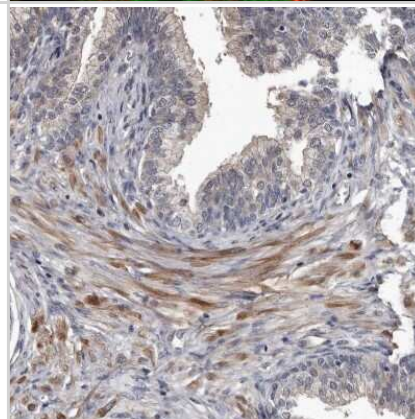
Western Blot: DHPS Antibody [NBP1-82648] - Analysis in control (vector only transfected HEK293T lysate) and DHPS over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



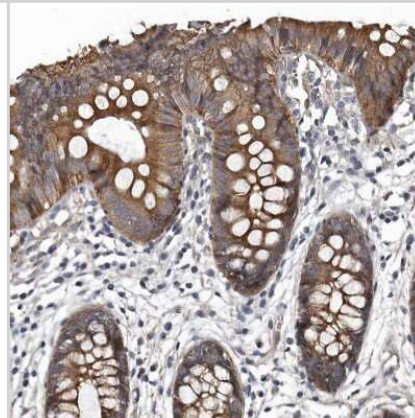
Immunocytochemistry/Immunofluorescence: DHPS Antibody [NBP1-82648] - Staining of human cell line U-2 OS shows localization to nucleoplasm, plasma membrane & cytosol. Antibody staining is shown in green.



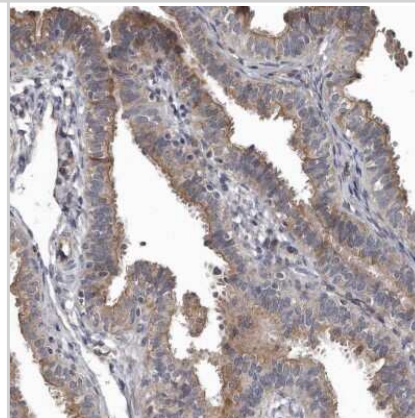
Immunohistochemistry-Paraffin: DHPS Antibody [NBP1-82648] - Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



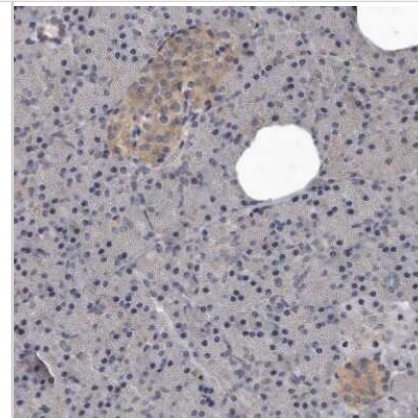
Immunohistochemistry-Paraffin: DHPS Antibody [NBP1-82648] - Staining of human colon shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: DHPS Antibody [NBP1-82648] - Staining of human fallopian tube shows moderate cytoplasmic/membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: DHPS Antibody [NBP1-82648] - Staining of human pancreas shows weak cytoplasmic positivity in islets of Langerhans.



Publications

Zhou J, Pang J, Tripathi M et al. Spermidine-mediated hypusination of translation factor EIF5A improves mitochondrial fatty acid oxidation and prevents non-alcoholic steatohepatitis progression Nature Communications 2022-09-03 [PMID: 36057633] (Western Blot)

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]



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Products Related to NBP1-82648

NBP1-82648PEP	DHPS 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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