

Product Datasheet

VASP Antibody - BSA Free

NBP1-85792

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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NBP1-85792

VASP 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

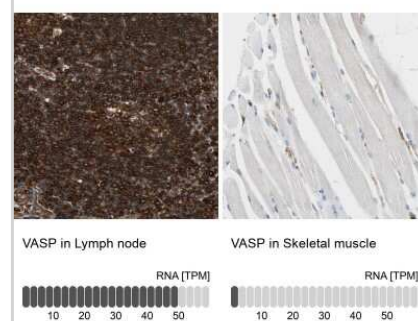
Host	Rabbit
Gene ID	7408
Gene Symbol	VASP
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 22361696)
Marker	Focal Adhesion Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PKAESGRSGGGGLMEEMNAMLARRRKATQVGKTPKDESANQEEPEARVPA QSESVRRPWKKNSTTLPRMKSSSSVTTSETQPCTPSSSDYSDLQRVKQELLE EVKKELQKVK

Product Application Details

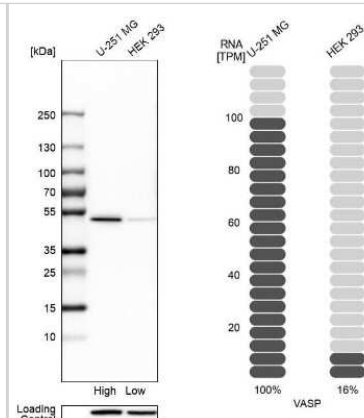
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

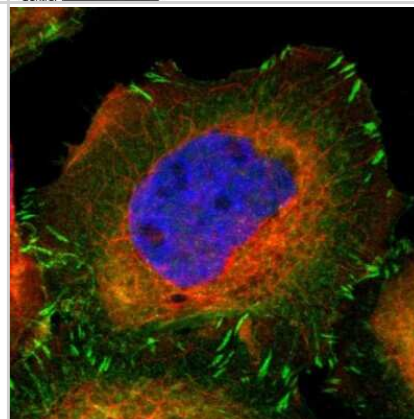
Immunohistochemistry-Paraffin: VASP Antibody [NBP1-85792] - Analysis in human lymph node and skeletal muscle tissues using NBP1-85792 antibody. Corresponding VASP RNA-seq data are presented for the same tissues.



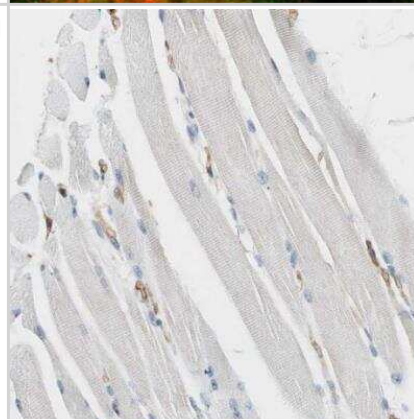
Western Blot: VASP Antibody [NBP1-85792] - Analysis in human cell lines U-251MG and HEK293 using Anti-VASP antibody. Corresponding VASP RNA-seq data are presented for the same cell lines. Loading control: Anti-HSP90B1.



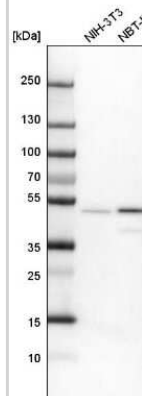
Immunocytochemistry/Immunofluorescence: VASP Antibody [NBP1-85792] - Staining of human cell line A-431 shows localization to plasma membrane, cytosol & focal adhesion sites. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: VASP Antibody [NBP1-85792] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



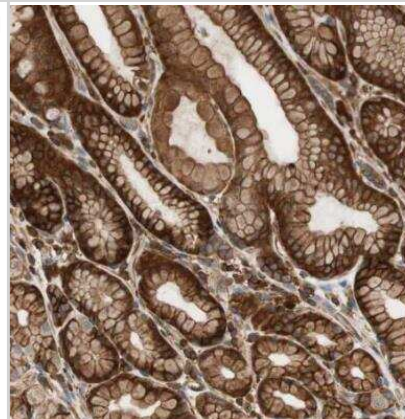
Western Blot: VASP Antibody [NBP1-85792] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



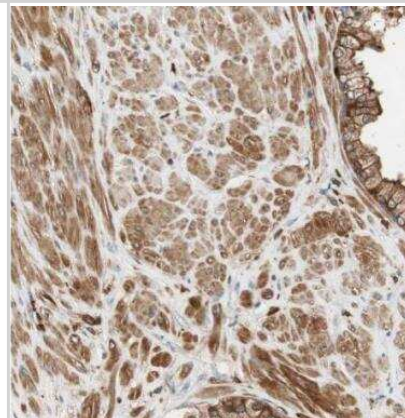
Immunohistochemistry-Paraffin: VASP Antibody [NBP1-85792] - Staining of human lymph node shows strong cytoplasmic positivity in lymphocytes.



Immunohistochemistry-Paraffin: VASP Antibody [NBP1-85792] - Staining of human stomach shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: VASP Antibody [NBP1-85792] - Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



Publications

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]



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Products Related to NBP1-85792

NBP1-85792PEP	VASP 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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