

Rabbit DVL1 Polyclonal Antibody | anti-DVL1 antibody

DVL1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290317	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

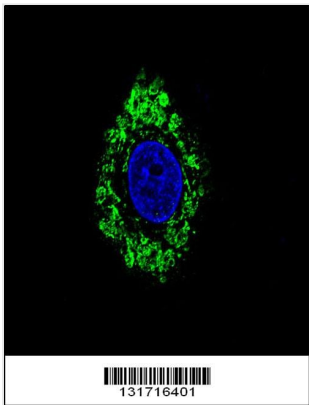
PRODUCT SYNONYMS

DVL1; Polyclonal Antibody; DVL1 Antibody (Center); Segment polarity protein dishevelled homolog DVL-1; Dishevelled-1; DSH homolog 1; anti-DVL1 antibody

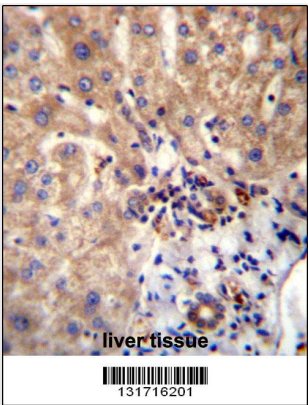
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DVL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 442-470 amino acids from the Central region of human DVL1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	442-470
Sequence Length	670
Applicable Applications for anti-DVL1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

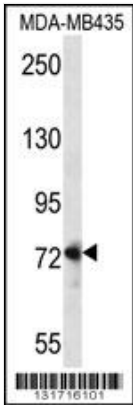
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of DVL1 Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
DVL1 Antibdy (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of DVL1 Antibdy (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
DVL1 Antibody (Center) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the DVL1 antibody detected the DVL1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DVL1 antibody	DVL1, the human homolog of the Drosophila dishevelled gene (dsh) encodes a cytoplasmic phosphoprotein that regulates cell proliferation, acting as a transducer molecule for developmental processes, including segmentation and neuroblast specification. DVL1 is a candidate gene for neuroblastomatous transformation. The Schwartz-Jampel syndrome and Charcot-Marie-Tooth disease type 2A have been mapped to the same region as DVL1. The phenotypes of these diseases may be consistent with defects which might be expected from aberrant expression of a DVL gene during development.
Product Categories/Family for anti-DVL1 antibody	Signal Transduction
References	Metcalfe, C., et al. J. Cell. Sci. 123 (PT 9), 1588-1599 (2010) : Hu, T., et al. J. Biol. Chem. 285(18):13561-13568(2010) Varelas, X., et al. Dev. Cell 18(4):579-591(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Guo, J., et al. PLoS ONE 4 (11), E7982 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	32479521
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NCBI GeneID	1855
NCBI Accession #	NP_004412.2
NCBI GenBank Nucleotide #	NM_004421.2
UniProt Accession #	O14640; Q5TA33; Q5TA35; P54792
Molecular Weight	75187
NCBI Official Full Name	segment polarity protein dishevelled homolog DVL-1
NCBI Official Synonym Full Names	dishevelled segment polarity protein 1
NCBI Official Symbol	DVL1
NCBI Official Synonym Symbols	DVL; DRS2; DVL1L1; DVL1P1
NCBI Protein Information	segment polarity protein dishevelled homolog DVL-1
UniProt Protein Name	Segment polarity protein dishevelled homolog DVL-1
UniProt Gene Name	DVL1
UniProt Synonym Gene Names	Dishevelled-1
UniProt Entry Name	DVL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dvl1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/290317>