Datasheet for ABIN515117

anti-DVL1 antibody (AA 1-444)

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2 Images

Overview

Quantity:	100 µg
Target:	DVL1
Binding Specificity:	AA 1-444
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DVL1 antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human DVL1 protein.
Immunogen:	DVL1 (NP_877580.1, 1 a.a. ~ 444 a.a) full-length human protein.
Sequence:	MAETKIIYHM DEEETPYLVK LPVAPERVTL ADFKNVLSNR PVHAYKFFFK SMDQDFGVVK EEIFDDNAKL PCFNGRVVSW LVLAEGAHSD AGSQGTDSHT DLPPPLERTG GIGDSRPPSF HPNVASSRDG MDNETGTESM VSHRRERARR RNREEAARTN GHPRGDRRRD VGLPPDSAST ALSSELESSS FVDSDEDGST SRLSSSTEQS TSSRLTRKYA SSLLKHGFLR HTVNKITFSE QCYYVFGDLC SNLATLNLNS GSSGTSDQDT LAPLPHPAAP WPLGQGYPYQ YPGPPPCFPP AYQDPGFSYG SGSTGSQQSE GSKSSGSTRS SRRAPGREKE RRAAGAGGSG SESDHTAPSG VGSSWRERPA GQLSRGSSPR SQASATAPGL PPPHPTTKAY TVVGGPPGGP PVRELAAVPP ELTGSRQSFQ KAMGNPCEFF VDIM
Cross-Reactivity:	Human

Product Details

Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	DVL1
Alternative Name:	DVL1 (DVL1 Products)
Background:	Full Gene Name: dishevelled, dsh homolog 1 (Drosophila) Synonyms: DVL,MGC54245
Gene ID:	1855
NCBI Accession:	NM_182779
Pathways:	WNT Signaling, Synaptic Membrane, Skeletal Muscle Fiber Development

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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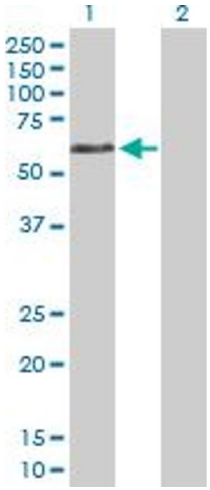
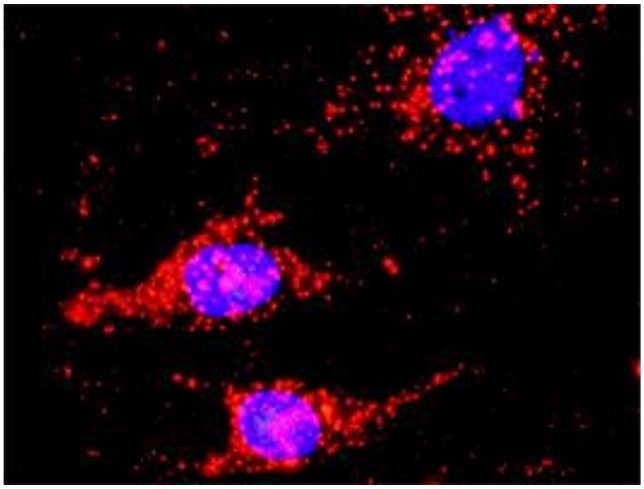


Western Blotting

Image 1. Western Blot analysis of DVL1 expression in transfected 293T cell line by DVL1 MaxPab polyclonal antibody.

Lane 1: DVL1 transfected lysate(47.70 KDa).

Lane 2: Non-transfected lysate.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between DVL1 and CTNNB1. HeLa cells were stained with anti-DVL1 rabbit purified polyclonal 1:1200 and anti-CTNNB1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

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