

For Research Use Only

DVL1 Polyclonal ANTIBODY



Catalog Number: 27384-1-AP

Featured Product

3 Publications

Basic Information

Catalog Number:

27384-1-AP

Size:

150UL, Concentration: 400 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26055

GenBank Accession Number:

BC050454

GeneID (NCBI):

1855

Full Name:

dishevelled, dsh homolog 1 (Drosophila)

Calculated MW:

75 kDa

Observed MW:

75 kDa, 73 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse

Cited Species:

human, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: MCF-7 cells, HEK-293 cells, NIH/3T3 cells, mouse cerebellum tissue

IHC: human breast cancer tissue, human prostate cancer tissue

Background Information

DVL1 is one of three DVL homologous proteins (DVL1-3) widely expressed in embryonic development and in the adult central nervous system. Dishevelled proteins are a necessary component of the Wnt and planar cell polarity developmental signaling pathways. Overexpression of DVL1 has been linked to prostate and breast cancers through the Wnt signaling pathway.

Notable Publications

Author	Pubmed ID	Journal	Application
Yasushi Yamada	32157937	J Obstet Gynaecol	IHC
Junwei Song	30026867	Theranostics	IHC
Xiaogang Zhang	32105766	Neurosci Lett	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

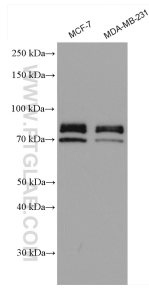
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

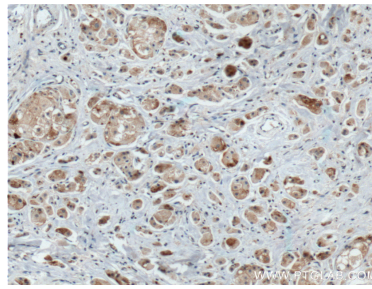
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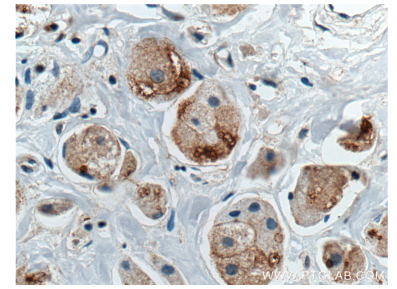
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27384-1-AP (DVL1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 27384-1-AP (DVL1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 27384-1-AP (DVL1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).