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DVL3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12030B

Product Information

Application	IHC-P, IF, WB, E
Primary Accession	Q92997
Other Accession	Q61062, NP_004414.3
Reactivity	Human, Mouse
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31712
Calculated MW	78055
Antigen Region	530-557

Additional Information

Gene ID	1857
Other Names	Segment polarity protein dishevelled homolog DVL-3, Dishevelled-3, DSH homolog 3, DVL3, KIAA0208
Target/Specificity	This DVL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 530-557 amino acids from the C-terminal region of human DVL3.
Dilution	IHC-P~~1:100~500 IF~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DVL3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DVL3
Synonyms	KIAA0208

Function	Involved in the signal transduction pathway mediated by multiple Wnt genes.
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:O14641}.

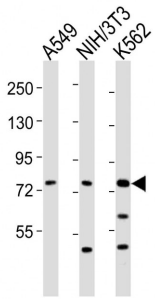
Background

This gene is a member of a multi-gene family which shares strong similarity with the Drosophila dishevelled gene, dsh. The Drosophila dishevelled gene encodes a cytoplasmic phosphoprotein that regulates cell proliferation.

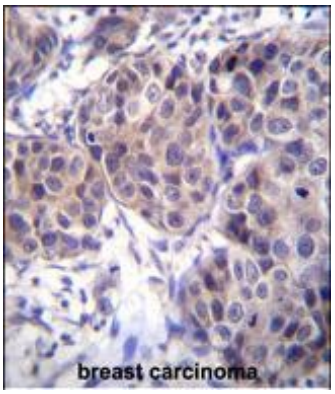
References

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Bouteille, N., et al. Oncogene 28(28):2569-2580(2009)
Fukukawa, C., et al. Oncogene 28(8):1110-1120(2009)
Wei, Q., et al. Lung Cancer 62(2):181-192(2008)
Lee, Y.N., et al. Cell. Signal. 20(2):443-452(2008)

Images

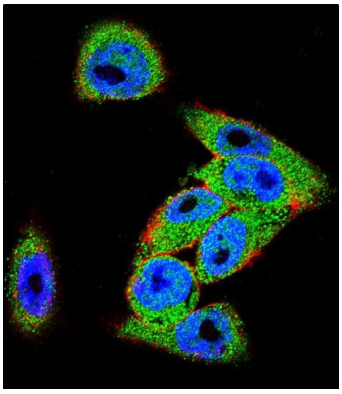


All lanes : Anti-DVL3 Antibody (C-term) at 1:2000 dilution Lane 1: A549 whole cell lysates Lane 2: NIH/3T3 whole cell lysates Lane 3: K562 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 78 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



DVL3 Antibody (C-term) (Cat. #AP12030b)immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of DVL3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Confocal immunofluorescent analysis of DVL3 Antibody (C-term)(Cat#AP12030b) with A375 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DAPI was used to stain the cell nuclear (blue).



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.