

For Research Use Only

DACT1 Polyclonal antibody

Catalog Number: 27237-1-AP



Basic Information

Catalog Number: 27237-1-AP	GenBank Accession Number: NM_001079520	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 51339	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: dapper, antagonist of beta-catenin, homolog 1 (Xenopus laevis)	
Isotype: IgG	Calculated MW: 90 kDa	
Immunogen Catalog Number: AG26096	Observed MW: 90-100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, A549 cells
Species Specificity: human, mouse	

Background Information

DACT1 (Dapper/Frodo) is a member of the Dapper family, which includes three genes: DACT1, DACT2 and DACT3. As a tumor suppressor, DACT1 is downregulated in multiple tumor types, such as liver, colon and breast cancer. DACT1 is an important modulator of Wnt signaling, interacting with key components of the various Wnt transduction pathways. For instance, DACT1 binds to disheveled homolog 1 (Dvl1) to induce the degradation of Dvl1 and the subsequent inhibition of the Wnt/β-catenin pathway. (PMID: 34252542, PMID: 29456669)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

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Selected Validation Data