

For Research Use Only

DACT1 Polyclonal antibody

Catalog Number: 27237-1-AP

2 Publications



Basic Information

Catalog Number:

27237-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26096

GenBank Accession Number:

NM_001079520

GeneID (NCBI):

51339

UNIPROT ID:

Q9NYFO

Full Name:

dapper, antagonist of beta-catenin, homolog 1 (Xenopus laevis)

Calculated MW:

90 kDa

Observed MW:

90-100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, rat

Positive Controls:

WB : Jurkat cells, A549 cells

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)

Notable Publications

Author	Pubmed ID	Journal	Application
Lingling Chen	39617210	Biochem Pharmacol	WB
Li Zhao	34430404	Transl Androl Urol	WB

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

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

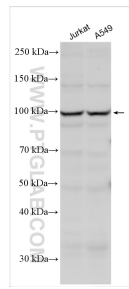
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27237-1-AP (DACT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.