

For Research Use Only

ANKRD6 Polyclonal antibody

Catalog Number: 24333-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

24333-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19328

GenBank Accession Number:

BC042173

GeneID (NCBI):

22881

UNIPROT ID:

Q9Y2G4

Full Name:

ankyrin repeat domain 6

Calculated MW:

727 aa, 80 kDa

Observed MW:

80-90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

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 : HEK-293 cells, fetal human brain tissue

IP : HEK-293 cells,

IHC : mouse ovary tissue, human kidney tissue, human ovary tissue

Background Information

Ankrd6 (Ankyrin repeat domain 6) is a distant homolog of the fly PCP mediator diego and acts as a molecular switch between both Wnt pathways. It promotes signaling of the non canonical Wnt/PCP pathway and simultaneously inhibits gene transcription through the canonical Wnt/ β -catenin pathway.

Notable Publications

Author	Pubmed ID	Journal	Application
Kirthana Prabhakar	31338875	Mol Carcinog	WB
Rui Bai	33707932	Chin J Cancer Res	IHC
Claudia Alexandra Dumitru	38672281	Biomedicines	IHC

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

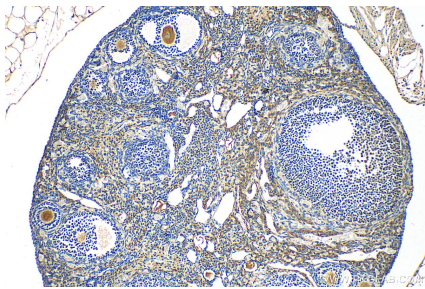
For technical support and original validation data for this product please contact:

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

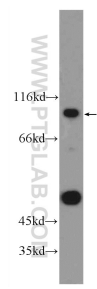
E: proteintech@ptglab.com
W: ptglab.com

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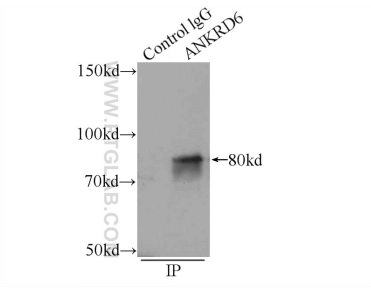
Selected Validation Data



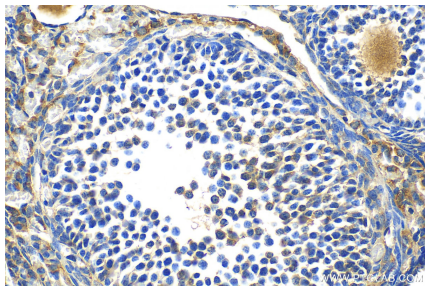
Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 24333-1-AP (ANKRD6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 24333-1-AP (ANKRD6 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-ANKRD6 (IP:24333-1-AP, 5ug; Detection:24333-1-AP 1:300) with HEK-293 cells lysate 920ug.



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 24333-1-AP (ANKRD6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).