

For Research Use Only

TULP3 Polyclonal antibody

Catalog Number: 13637-1-AP

Featured Product

14 Publications



Basic Information

Catalog Number:

13637-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4570

GenBank Accession Number:

BC032587

GeneID (NCBI):

7289

UNIPROT ID:

O75386

Full Name:

tubby like protein 3

Calculated MW:

442 aa, 50 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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, IHC, IP, ELISA

Cited Applications:

WB, IHC, IF, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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 : SH-SY5Y cells,

IP : SH-SY5Y cells,

IHC : human ovary cancer tissue, human gliomas tissue

Background Information

The tubby-like protein 3 (TULP3) has been identified as a member of tubby and tubby-like proteins (TULPs) that plays an important role in maintenance and function of neuronal cells during development and post-differentiation. Tulp3 gene is essential for embryonic development in mice. Recently TULP3 has been reported to bind to the IFT (intraflagellar transport)-A complex and promote trafficking of G protein-coupled receptors into primary cilia, which is implicated in regulating neuronal function.

Notable Publications

Author	Pubmed ID	Journal	Application
Dario Cilleros-Rodriguez	36063381	Elife	WB,IF
Chen-Jei Hong	27727273	PLoS Genet	WB
Leah Schembs	35584663	Cell Rep	IF

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

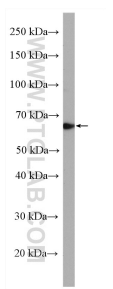
For technical support and original validation data for this product please contact:

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

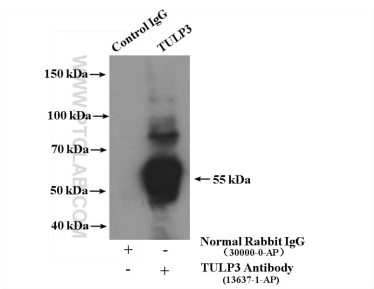
E: proteintech@ptglab.com
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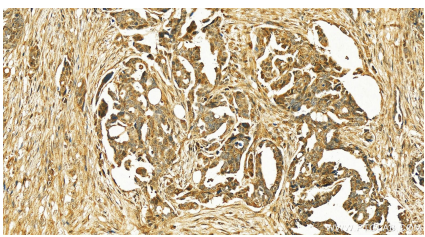
Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 13637-1-AP (TULP3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-TULP3 (IP:13637-1-AP, 4ug; Detection:13637-1-AP 1:800) with SH-SY5Y cells lysate 1600ug.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 13637-1-AP (TULP3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).