

For Research Use Only

TRABD Polyclonal antibody

Catalog Number: 33633-1-AP



Basic Information

Catalog Number:

33633-1-AP

Size:

150ul , Concentration: 480 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG40480

GenBank Accession Number:

BC093029

GeneID (NCBI):

80305

UNIPROT ID:

Q9H4I3

Full Name:

TraB domain containing

Observed MW:

37 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

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

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, human testis tissue, mouse brain tissue, rat brain tissue

IP : HeLa cells,

Background Information

TraB domain-containing protein (TRABD) is also named TTG2. TRABD is a Tiki/TraB family protein that is highly expressed in the brains of patients with AD (PMID: 33446646). TRABD as a novel outer mitochondrial membrane protein. Depletion of TRABD in cells severely impairs mitochondrial respiration and ATP production, inhibits cell growth, increases reactive oxygen species levels (PMID: 40778267).

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

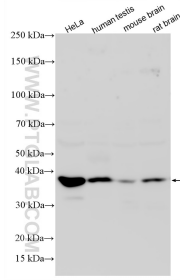
For technical support and original validation data for this product please contact:

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

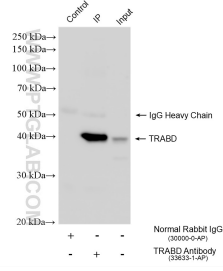
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33633-1-AP (TRABD antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-TRABD (IP:33633-1-AP, 4ug; Detection:33633-1-AP 1:1000) with HeLa cells lysate 920 ug.