

For Research Use Only

TRABD Polyclonal antibody

Catalog Number: 33633-1-AP



Basic Information

Catalog Number:

33633-1-AP

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

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

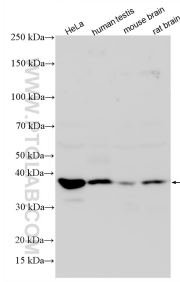
T: 4006900926

E: Proteintech-CN@ptglab.com

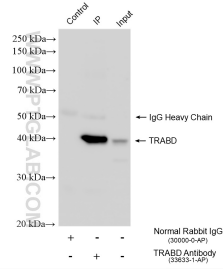
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.