

For Research Use Only

TRABD Polyclonal antibody, PBS Only

Catalog Number: 33633-1-PBS



Basic Information

Catalog Number:

33633-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS only, pH7.3

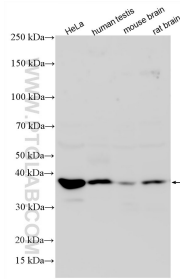
For technical support and original validation data for this product please contact:

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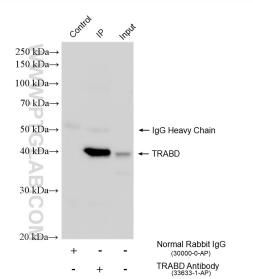
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 33633-1-PBS in a different storage buffer formulation.



IP result of anti-TRABD (IP:33633-1-AP, 4ug; Detection:33633-1-AP 1:1000) with HeLa cells lysate 920 ug. This data was developed using the same antibody clone with 33633-1-PBS in a different storage buffer formulation.