

# TBRG4 Rabbit Polyclonal Antibody



CAB0276

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

70kDa

### Calculated MW:

58kDa/70kDa

### Applications:

WB IF IP

### Reactivity:

Human

## Protein Background

Plays a role in processing of mitochondrial RNA precursors and in stabilization of a subset of mature mitochondrial RNA species, such as MT-CO1, MT-CO2, MT-CYB, MT-CO3, MT-ND3, MT-ND5 and MT-ATP8/6. May play a role in cell cycle progression (PubMed:9383053).

## Immunogen information

### Gene ID:

9238

### Uniprot

Q969Z0

### Synonyms:

TBRG4; CPR2; FASTKD4

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100 IP 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

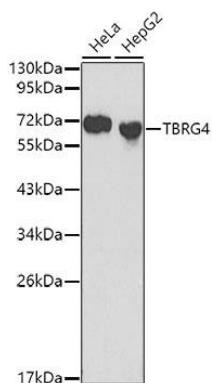
Recombinant fusion protein containing a sequence corresponding to amino acids 382-631 of human TBRG4 (NP\_004740.2).

### Storage:

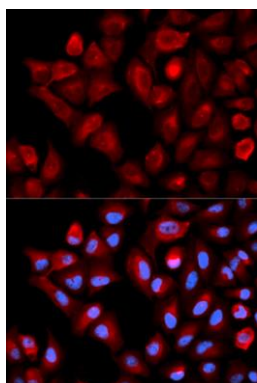
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

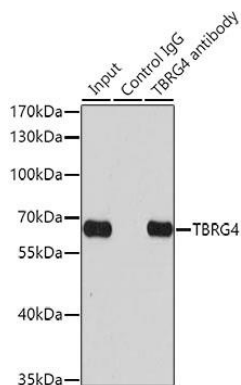
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Western blot analysis of extracts of various cell lines, using TBRG4 antibody (CAB0276) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of HeLa cells using TBRG4 antibody (CAB0276). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of HeLa cells using 1ug TBRG4 antibody (CAB0276). Western blot was performed from the immunoprecipitate using TBRG4 antibody (CAB0276) at a dilution of 1:1000.