



Datasheet for ABIN7270907
anti-TBRG4 antibody (AA 382-631)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	TBRG4
Binding Specificity:	AA 382-631
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBRG4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	TBRG4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 382-631 of human TBRG4 (NP_004740.2).
Sequence:	HPDQEDQFFS LVHEKLGSEL PGLEPALQVD LVWALCVLQQ AREAELQAVL HPEFHIQFLG GKSQKDQNTF QKLLHINATA LLEYPEYSGP LLPASAVAPG PSALDRKVTP LQKELQETLK GLLGSADKGS LEVATQYGWV LDAEVLLDSD GEFLPVRDFV APHLAQPTGS QSPPPGSKRL AFLRWEFPNF NSRSKDLLGR FVLARRHIVA AGFLIVDVPF YEWLELKSEW QKGAYLKDKM RKAVAEELAK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: TBRG4

Alternative Name: TBRG4 ([TBRG4 Products](#))

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.,TBRG4,CPR2,FASTKD4,Epigenetics & Nuclear Signaling,RNA Binding,Signal Transduction,Kinase,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,TBRG4

Molecular Weight: 58kDa/70kDa

Gene ID: 9238

UniProt: [Q969Z0](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

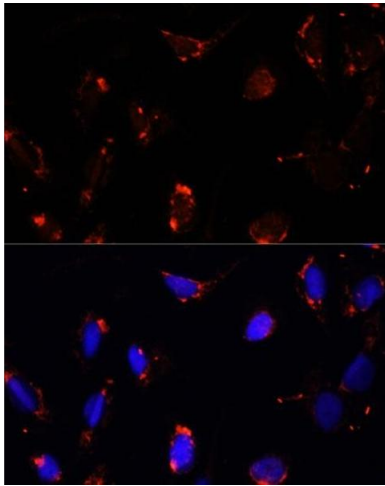
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

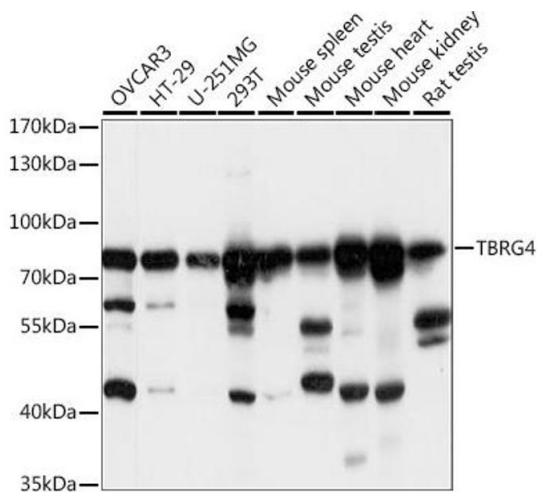
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



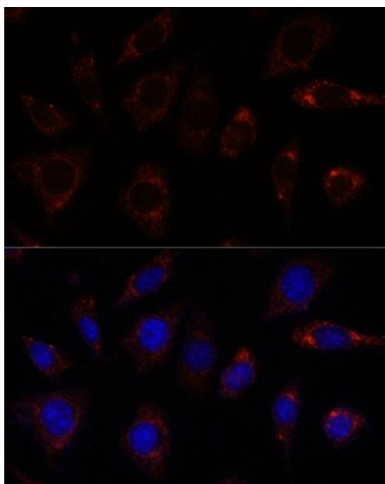
Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using TBRG4 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using TBRG4 antibody at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence

Image 3. Immunofluorescence analysis of L929 cells using TBRG4 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.