

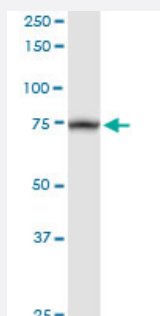
MaxPab®

TRAP1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00010131-D01

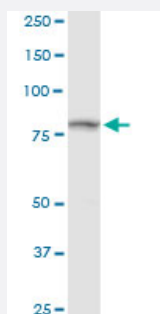
Size 100 uL

Applications



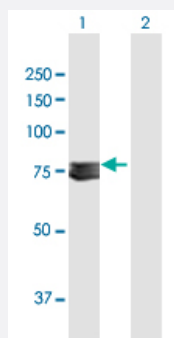
Western Blot (Tissue lysate)

TRAP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TRAP1 expression in human kidney.



Western Blot (Tissue lysate)

TRAP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TRAP1 expression in mouse kidney.

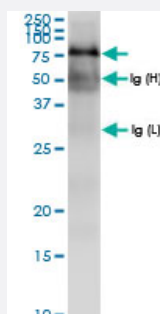


Western Blot (Transfected lysate)

Western Blot analysis of TRAP1 expression in transfected 293T cell line ([H00010131-T01](#)) by TRAP1 MaxPab polyclonal antibody.

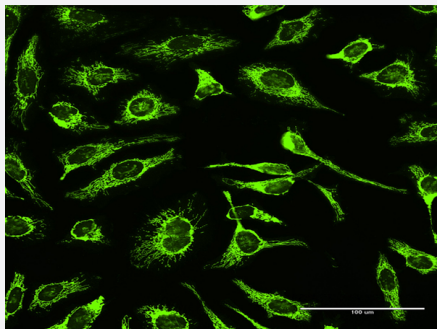
Lane 1: TRAP1 transfected lysate(80.00 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of TRAP1 transfected lysate using anti-TRAP1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TRAP1 MaxPab rabbit polyclonal antibody (D01) ([H00010131-D01](#)).



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to TRAP1 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TRAP1 protein.
Immunogen	TRAP1 (NP_057376.1, 1 a.a. ~ 704 a.a) full-length human protein.
Sequence	MARELRALLLWGRRLRPLLAPALAAVPGGKPILCPRRTTAQLGPRRNPAWSLQAGRLFSTQTA EDKEEPLHSIISSTESVQGSTSKHEFQAETKKLLDIVARSLYSEKEVFIRELISNASDALEKLRHKL SDGQALPEMEIHLQTNAEKGTTIQDTGIGMTQEELVSNLGTIARSGSKAFLDALQNQAEASSKII FGVGFYSAFMVADRVEVYSRSAAPGSLGYQWLSDGSGVFIEAEASGVRTGKIIHLKSDCKEFSS EARVRDVVTKYSNFVSFPLYLNGRRMNTLQAIWMDPKDVGGEWQHEEFYRYVAQAHDKPRYTLH YKTDAPLNIRSIIFYVPDMKPSMFVDSRELGSSVALYSRKVLIQTKATDILPKWLRFIRGVVDS EDIPLNLSRELLQESALIRKLRDVLQQRLIKFFIDQSKKDAEKYAKFFEDYGLFMREGIVTATEQ EVKEDIAKLLRYESSALPSGQLTSLSEYASRMRAGTRNIYLCAPNRHLAEHSPYYEAMKKKDTE VLFCEQFDELTLHLREFDKKKLISVETDMVDHYKEEFEDRSPAAECLSEKETEELMAWMRNVLG SRVTNVKVTLRDLTHPAMVTVLEMGAARHFLRMQQLAKTQEERAQLLQPTLEINPRHALIKKL NQLRASEPGLAQLLVDQIYENAMIAAGLVDDPRAMVGRLNELLVKALERH
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

TRAP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TRAP1 expression in human kidney.

[Protocol Download](#)

- Western Blot (Tissue lysate)

TRAP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TRAP1 expression in mouse kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TRAP1 expression in transfected 293T cell line ([H00010131-T01](#)) by TRAP1 MaxPab polyclonal antibody.

Lane 1: TRAP1 transfected lysate(80.00 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of TRAP1 transfected lysate using anti-TRAP1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TRAP1 MaxPab rabbit polyclonal antibody (D01) ([H00010131-D01](#)).

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to TRAP1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — TRAP1

Entrez GeneID [10131](#)

GeneBank Accession# [NM_016292.1](#)

Protein Accession# [NP_057376.1](#)

Gene Name TRAP1

Gene Alias HSP75, HSP90L

Gene Description TNF receptor-associated protein 1

Omim ID [606219](#)

Gene Ontology [Hyperlink](#)

Gene Summary

HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. TRAP1 is a mitochondrial HSP90 protein. Other HSP90 proteins are found in cytosol (see HSP90AA1; MIM 140571) and endoplasmic reticulum (HSP90B1; MIM 191175) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM]

Other Designations

heat shock protein 75|tumor necrosis factor type 1 receptor associated protein

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)