

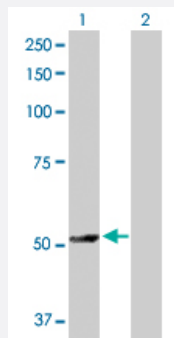
MaxPab®

# TRAF4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00009618-D01P

Size 100 ug

## Applications

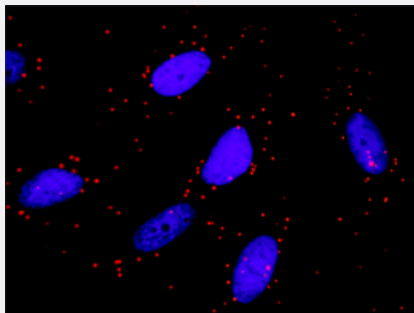


### Western Blot (Transfected lysate)

Western Blot analysis of TRAF4 expression in transfected 293T cell line ([H00009618-T02](#)) by TRAF4 MaxPab polyclonal antibody.

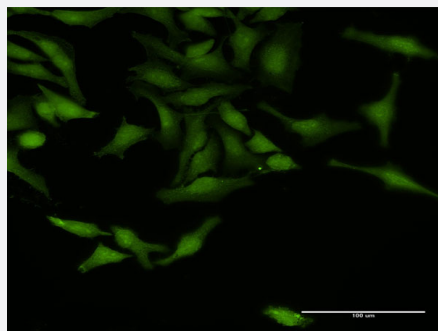
Lane 1: TRAF4 transfected lysate (53.50 KDa).

Lane 2: Non-transfected lysate.



### In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between TRAF4 and TRAF6. HeLa cells were stained with anti-TRAF4 rabbit purified polyclonal 1:1200 and anti-TRAF6 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to TRAF4 on HeLa cell. [antibody concentration 20 ug/ml]

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human TRAF4 protein.

Immunogen	TRAF4 (NP_004286.2, 1 a.a. ~ 470 a.a) full-length human protein.
Sequence	MPGFDYKFLEKPKRRLCPLCGKPMREPVQVSTCGHRFCDTCLQEFLSEGVFKCPEDQLPLDY AKIYPDPELEVQVLGLPIRCIHSEEGCRWSGPLRHLQGHNLNCSFNVIPCPNRCPMKLSRRDLPAH LQHDCPKRRLKCEFCGCDGSGEAYESHEGMCPQESVYCENKCGARMRRLLAQHATSECPKR TQPCTYCTKEFVFDTIQSHQYQCPRLPVACPNQCGVGTVAREDLPGHLKDSCNTALVLCPFKDS GCKHRCPKLAMARHVEESVKPHLAMMCALVSRQRQELQELRRELEELSVGSDGVLWKIGSYGR RLQEAKAKPNLECFSPA FYTHKYGYKLQVSAFLNGNGSGEGTHLSLYIRVLPGAFDNLEWPFAR RVTFSLLDQSDPGLAKPQHVTETTFHPDPNWKNFQKPGTWRGSLDESSLGFGYPKFISHQDIRKR NYVRDDAVFIRAAVELPRKILS
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to TRAF4 on HeLa cell. [antibody concentration 20 ug/ml]

## Gene Info — TRAF4

Entrez GeneID	<a href="#">9618</a>
GeneBank Accession#	<a href="#">NM_004295</a>
Protein Accession#	<a href="#">NP_004286.2</a>
Gene Name	TRAF4
Gene Alias	CART1, MLN62, RNF83
Gene Description	TNF receptor-associated factor 4
Omim ID	<a href="#">602464</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the TNF receptor associated factor (TRAF) family. TRAF proteins are associated with, and mediate signal transduction from members of the TNF receptor superfamily. The encoded protein has been shown to interact with neurotrophin receptor, p75 (NTR/NTSR1), and negatively regulate NTR induced cell death and NF-kappa B activation. This protein has been found to bind to p47phox, a cytosolic regulatory factor included in a multi-protein complex known as NAD(P)H oxidase. This protein thus, is thought to be involved in the oxidative activation of MAPK8/JNK. Alternatively spliced transcript variants have been observed but the full-length nature of only one has been determined. [provided by RefSeq]
Other Designations	cysteine-rich domain associated with ring and TRAF domain malignant 62 tumor necrosis receptor-associated factor 4A

## Pathway

- [Pathways in cancer](#)
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## Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
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- [Neoplasms](#)

- [Osteoporosis](#)