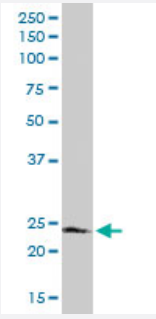
MaxPab®

FADD purified MaxPab rabbit polyclonal antibody (D01P)

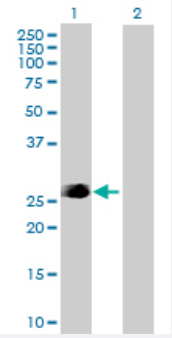
Catalog # H00008772-D01P Size 100 ug

Applications



Western Blot (Tissue lysate)

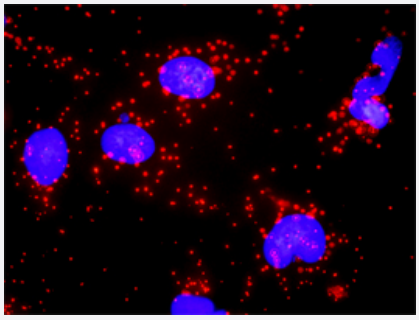
FADD MaxPab rabbit polyclonal antibody. Western Blot analysis of FADD expression in human kidney.



Western Blot (Transfected lysate)

Western Blot analysis of FADD expression in transfected 293T cell line (H00008772-T01) by FADD MaxPab polyclonal antibody.

Lane 1: FADD transfected lysate(23.30 KDa).
Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

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

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FADD protein.

Immunogen	FADD (NP_003815.1, 1 a.a. ~ 208 a.a) full-length human protein.
Sequence	MDPFLVLLHSVSSSLSSSELTELKFLCLGRVGKRKLERVQSGLDLFSMLLEQNDLEPGHTELLRE LLASLRRHDLLRRVDDFEAGAAAGAAPGEEDLCAAFNVICDNVGKDWRRLARQLKVSDTKIDSIE DRYPRNLTERVRESLRIWKNTEKENATVAHLVGALRSCQMNLVADLVQEVQQARDLQNRSGAM SPMSWNSDASTSEAS
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (68); Rat (68)
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 (Tissue lysate)

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

  Protocol Download

- Western Blot (Transfected lysate)

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  Lane 1: FADD transfected lysate(23.30 KDa).
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  Protocol Download

- *In situ* Proximity Ligation Assay (Cell)

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

Gene Info — FADD

Entrez GeneID	8772

GeneBank Accession#	NM_003824
Protein Accession#	NP_003815.1
Gene Name	FADD
Gene Alias	GIG3, MGC8528, MORT1
Gene Description	Fas (TNFRSF6)-associated via death domain
Omim ID	602457
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. Through its C-terminal death domain, this protein can be recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and thus it participates in the death signaling initiated by these receptors. Interaction of this protein with the receptors unmasks the N-terminal effector domain of this protein, which allows it to recruit caspase-8, and thereby activate the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. [provided by RefSeq
Other Designations	Fas-associated via death domain|Fas-associating death domain-containing protein|Fas-associating protein with death domain|growth-inhibiting gene 3 protein|mediator of receptor-induced toxicity

Pathway

- Apoptosis
- Pathways in cancer
- Toll-like receptor signaling pathway

Disease

- Genetic Predisposition to Disease
- Hematologic Diseases
- Hodgkin Disease
- Lupus Erythematosus
- Lymphoproliferative Disorders

- Multiple Myeloma
- Occupational Diseases
- Waldenstrom Macroglobulinemia
- Werner syndrome