

## Anti-FADD Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Pig,Rabbit)
Molecular Weight:	Theoretical: 23 kDa. Actual: 23 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	<p>1. Sample: A431 (Human) Cell Lysate at 30 µg                      Primary: Anti-FADD (TMAB-05800) at 1/300 dilution                      Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution                      Predicted band size: 23 kD                      Observed band size: 23 kD</p> <p>2. Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (FADD) Polyclonal Antibody, Unconjugated (TMAB-05800) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.</p> <p>3. Paraformaldehyde-fixed, paraffin embedded (Rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (FADD) Polyclonal Antibody, Unconjugated (TMAB-05800) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.</p> <p>4. Sample:                      Lane 1: Rat Kidney tissue lysates                      Lane 2: Human MCF-7 cell lysates                      Lane 3: Human HeLa cell lysates                      Primary: Anti-FADD (TMAB-05800) at 1/1000 dilution                      Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution                      Predicted band size: 23 kDa                      Observed band size: 23 kDa</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human FADD  
Antigen Species: Human  
Gene ID: 8772  
Uniprot ID: Q13158

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### Research Background

Predicted to enable several functions, including caspase binding activity; death effector domain binding activity; and tumor necrosis factor receptor superfamily binding activity. Involved in several processes, including hematopoietic or lymphoid organ development; negative regulation of activation-induced cell death of T cells; and positive regulation of CD8-positive, alpha-beta cytotoxic T cell extravasation. Acts upstream of or within extrinsic apoptotic signaling pathway in absence of ligand; motor neuron apoptotic process; and regulation of programmed cell death. Predicted to be located in several cellular components, including cell body; cytosol; and membrane raft. Predicted to be part of CD95 death-inducing signaling complex and ripoptosome. Predicted to be active in cytoplasm. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and liver and biliary system. Human ortholog(s) of this gene implicated in leukemia. Orthologous to human FADD (Fas associated via death domain). [provided by Alliance of Genome Resources, Apr 2022]

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