

## FADD polyclonal antibody

Catalog: CAS7512

Host: Rabbit

Reactivity: Human

### BackGround:

Fas-associated death domain (FADD or Mort 1) functions as an important adaptor in coupling death signaling from membrane receptors, such as the Fas ligand and TNF family (DR3, DR4 and DR5), to caspase-8. FADD has a carboxy-terminal death domain, which interacts with the cytoplasmic tail of the membrane receptor, and an amino-terminal death effector domain, which interacts with caspase-8. Clustering of the receptors upon stimulation brings about FADD and caspase-8 oligomerization, activating the caspase signaling pathway. Human FADD is phosphorylated mainly at Ser194, while mouse FADD is phosphorylated at Ser191. In both cases, the phosphorylation is cell cycle-dependent and may be related to its regulatory role in embryonic development and cell cycle progression.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

### Molecular Weight:

~ 30 kDa

### Swiss-Prot:

Q13158

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:2000~1:5000

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

FADD polyclonal antibody detects endogenous levels of FADD protein.

### DATA:



Western blot (WB) analysis of FADD polyclonal antibody at 1:5000 dilution

Lane1:Pancl whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

Lane3:Jurkat whole cell lysate(40ug)

### Note:

For research use only, not for use in diagnostic procedure.

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