

## FADD (N188) polyclonal antibody

Catalog: BS1399

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

In contrast to growth factors which promote cell proliferation, FAS ligand (FAS-L) and the tumor necrosis factors (TNFs) rapidly induce apoptosis. Cellular response to FAS-L and TNF is mediated by structurally related receptors containing a conserved "death domain" and belonging to the TNF receptor superfamily. TRADD, FADD and RIP are FAS/TNF-R1 interacting proteins that contain a death domain homologous region (DDH). TRADD (TNF-R1-associated death domain) and FADD (FAS-associated death domain) associate with the death domains of both FAS and TNF-R1 via their DDH regions. Overexpression of TRADD leads to NF $\kappa$ B activation and apoptosis in the absence of TNF. Overexpression of FADD causes apoptosis, which can be blocked by the cow pox protein CrmA, suggesting that FADD lies upstream of ICE and possibly other serine proteases. The receptor interacting protein, RIP, associates with FAS exclusively via its DDH and this association is abrogated in *lpr* mutants. Unlike TRADD and FADD, RIP contains a putative amino-terminal kinase domain.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 28 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: 1:500~1:1000

IHC: 1:50~1:200

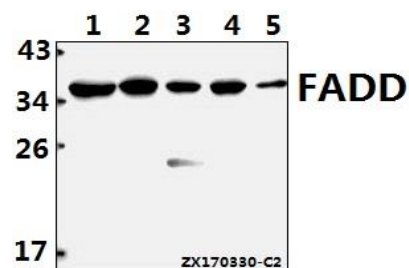
### Storage&Stability:

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

### Specificity:

FADD (N188) polyclonal antibody detects endogenous levels of FADD protein.

### DATA:



Western blot (WB) analysis of FADD (N188) polyclonal antibody at 1:500 dilution

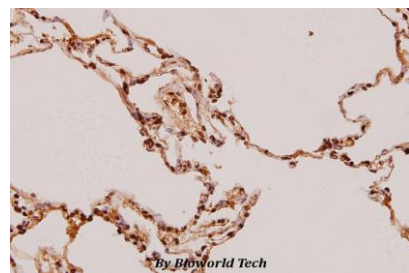
Lane1:A549 whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

Lane3:Panc1 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)

Lane5:MEF whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of FADD (N188) pAb in paraffin-embedded human lung carcinoma tissue at 1:100.

### Note:

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

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## PRODUCT DATA SHEET

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