

## Bag-4 (V442) polyclonal antibody

Catalog: BS9179

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

The cytokine TNF (tumor necrosis factor) signals through the TNF-R1 receptor to activate various cellular pathways, including apoptosis and NF $\kappa$ B activation. TNF binding induces receptor aggregation, resulting in the recruitment of TRADD, FADD, TRAF2 and RIP to the intracellular "death" domain of the receptor complex, which in turn activates signaling pathways including apoptosis and NF $\kappa$ B activation. SODD, for silencer of death domains, was found to be associated with the intracellular "death" domain of TNF-R1 in the absence of TNF stimulation. TNF treatment results in the release of SODD from TNF-R1, allowing the recruitment of TRADD and TRAF2 to the receptor complex. Thus, SODD may play a role in preventing spontaneous signaling by death-domain receptors, in the absence of ligand.

### Product:

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

### Molecular Weight:

~ 49 kDa

### Swiss-Prot:

O95429

### 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

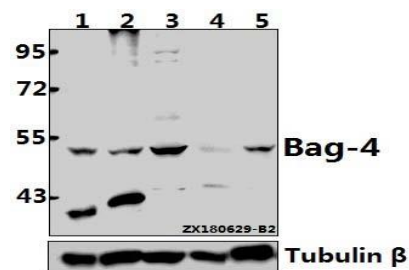
### Storage&Stability:

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

### Specificity:

Bag-4 (V442) polyclonal antibody detects endogenous levels of Bag-4 protein.

### DATA:



Western blot (WB) analysis of Bag-4 (V442) pAb at 1:500 dilution

Lane1:A375 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

Lane3:Hela whole cell lysate(40ug)

Lane4:3T3-L1 whole cell lysate(40ug)

Lane5:PC12 whole cell lysate(40ug)

Immunohistochemistry (IHC) analyzes of Bag-4 (V442) pAb in paraffin-embedded human breast cancer tissue.

### Note:

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

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