

## TRAF6 (H154) polyclonal antibody

Catalog: BCP01668

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Tumor necrosis factor receptor-associated factor 6 (TRAF6) regulates adaptive immunity, innate immunity and bone metabolism. TRAF6 is a ubiquitin (Ub) ligase that mediates the activation of protein kinases, such as transforming growth factor beta-activated kinase (TAK1) and I $\kappa$ B kinase (IKK), by catalyzing the formation of a unique polyubiquitin chain linked through Lys 63 of Ub. TRAF6 is essential for activating NF $\kappa$ B signaling pathway in response to interleukin-1 and Toll-like receptor ligands. The coiled-coil domain of TRAF6 is essential for its auto-ubiquitination and activating NF $\kappa$ B signaling pathway. TRAF6 interacts with various protein kinases including IRAK1/IRAK, SRC and PKC $\zeta$ , which provides a link between distinct signaling pathways.

### Product:

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

### Molecular Weight:

~ 58 kDa

### Swiss-Prot:

Q9Y4K3

### 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

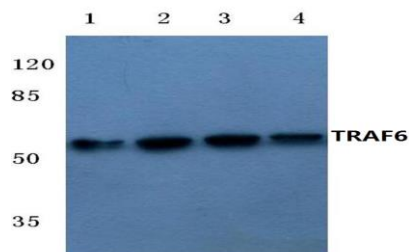
### Storage&Stability:

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

### Specificity:

TRAF6 (H154) polyclonal antibody detects endogenous levels of TRAF6 protein.

### DATA:



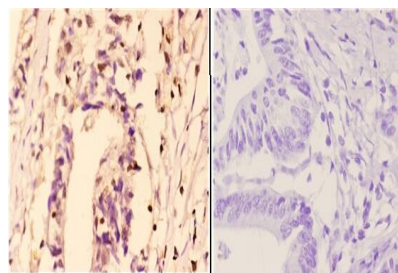
Western blot (WB) analysis of TRAF6 (H154) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

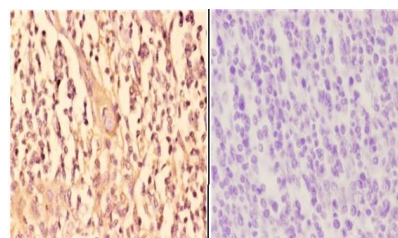
Lane2:Mouse kidney tissue lysate

Lane3:Rat kidney tissue lysate

Lane4:HEK293T cell lysate

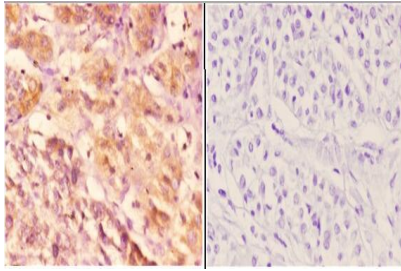


Immunohistochemistry (IHC) analyzes of TRAF6 (H154) pAb in paraffin-embedded human colon carcinoma tissue at 1:50, showing cytoplasmic and nuclear staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



BS3684  
Lot CT36131

Immunohistochemistry (IHC) analyzes of TRAF6 (H154) pAb in paraffin-embedded human tonsil carcinoma tissue at 1:50, showing cytoplasmic and nuclear staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



Immunohistochemistry (IHC) analyzes of TRAF6 (H154) pAb in paraffin-embedded human liver carcinoma tissue at 1:50, showing cytoplasmic and nuclear staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

**Note:**

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