

## Tau (V256) polyclonal antibody

Catalog: BS1355

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Tau, also known as MAPT (microtubule-associated protein tau), MAPTL, MTBT1 or TAU, is a 758 amino acid protein that localizes to the cytoplasm, as well as to the cytoskeleton and the cell membrane, and contains four Tau/MAP repeats. Expressed in neuronal tissue and existing as multiple alternatively spliced isoforms, Tau functions to promote microtubule assembly and stability and is thought to be involved in the maintenance of neuronal polarity. Tau may also link microtubules with neural plasma membrane components and, addition to its role in microtubule stability, is also necessary for cytoskeletal plasticity.

### Product:

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

### Molecular Weight:

50 to 80 kDa

### Swiss-Prot:

P10636

### 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

IF: 1:50~1:200

### Storage&Stability:

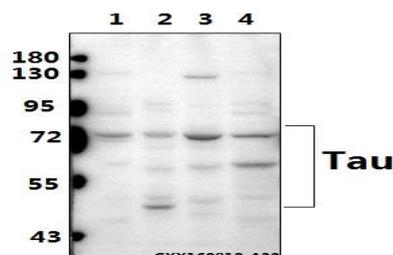
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Tau (V256) polyclonal antibody detects endogenous lev-

els of Tau protein.

### DATA:



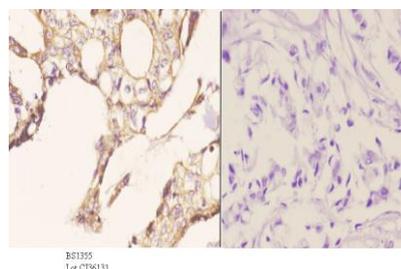
Western blot (WB) analysis of Tau (V256) polyclonal antibody at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:C6 whole cell lysate(40ug)

Lane3:BV2 whole cell lysate(40ug)

Lane4:U-251 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Tau (V256) pAb in paraffin-embedded human breast carcinoma tissue at 1:50, showing cytoplasmic and cell membrane 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.

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