

TAC1 polyclonal antibody

Catalog: BS60380

Host: Rabbit

Reactivity: Human,Rat

BackGround:

The tachykinin family consists of amidated neuropeptides that share a carboxyterminal sequence (Phe-X-Gly-Leu-Met-NH₂). Preprotachykinin I, also designated protachykinin 1 precursor (PPT), is a common precursor of tachykinins. Preprotachykinin I alternatively splices to form various isoforms. These isoforms include: Substance P; Neurokinin A (NKA, Substance K, Neuropeptide L); Neurokinin B; Neuropeptide K (NPK); Neuropeptide γ ; and C-terminal flanking peptide. Substance P is expressed primarily in the small diameter primary sensory fibers of the peripheral nervous system, and in the superficial dorsal horn of the spinal cord, the substantia nigra, and the medial amygdaloid nucleus of the central nervous system. Tachykinin peptides have many pleiotropic functions including: neurotransmission, immune/hematopoietic modulation, angiogenesis and mitogenesis. Preprotachykinin I has been implicated in breast cancer and bone marrow metastasis. Substance P plays a role in depression.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH 7.2

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P20366

Purification & Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

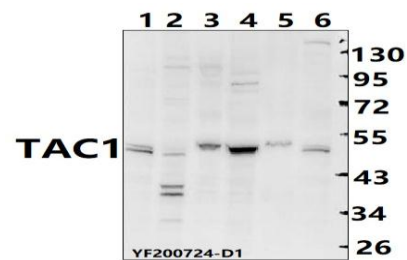
Storage & Stability:

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

Specificity:

TAC1 polyclonal antibody detects endogenous levels of TAC1 protein.

DATA:



Western blot (WB) analysis of TAC1 pAb at 1:500 dilution

Lane 1: PC3 whole cell lysate (40ug)

Lane 2: C6 whole cell lysate (40ug)

Lane 3: HCT116 whole cell lysate (40ug)

Lane 4: HEK293T whole cell lysate (40ug)

Lane 5: HUT78 whole cell lysate (40ug)

Lane 6: U-87MG whole cell lysate (40ug)

Note:

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

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