

Endophilin I (P84) polyclonal antibody

Catalog: BS9240

Host: Rabbit

Reactivity: Mouse, Rat

BackGround:

The Endophilins comprise a family of three SH3 domain-containing proteins designated Endophilin I, II and III, or alternatively known as SH3P4, SH3P8 and SH3P13, respectively. These proteins associate with amphiphysin, synaptojanin and dynamin and are implicated in presynaptic vesicle trafficking at nerve terminals. The expression patterns of the Endophilins are consistent with their cellular functions at the neuronal synapse as Endophilin I is expressed only in the brain. Both Endophilin II and Endophilin III are detected in a variety of tissues. Endophilin I is also implicated in modulating G protein-coupled receptor signaling by functioning as an adapter protein and directing $\beta 1$ adrenergic receptors to the endocytic machinery.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 40 kDa

Swiss-Prot:

Q99962

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

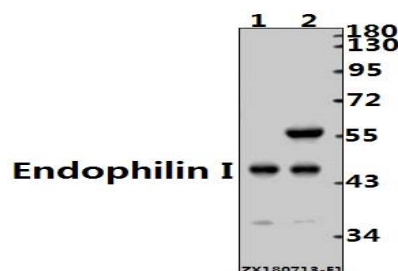
Storage&Stability:

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

Specificity:

Endophilin I (P84) polyclonal antibody detects endogenous levels of Endophilin I protein.

DATA:



Western blot (WB) analysis of Endophilin I (P84) pAb at 1:500 dilution

Lane1: The Brain tissue lysate of Mouse (10ug)

Lane2: The Brain tissue lysate of Rat (10ug)

Note:

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

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