

SYT8 polyclonal antibody

Catalog: BS60822

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Synaptotagmins are a large gene family of synaptic vesicle type III integral membrane proteins that function as regulators of both exocytosis and endocytosis and are involved in neurotransmitter secretion from small secretory vesicles. The Synaptotagmin family of proteins share a common domain structure that consists of a transmembrane domain and a cytoplasmic region composed of two C2 domains. Synaptotagmin VIII, also known as SYT8, is a 401 amino acid single-pass type III membrane protein belonging to the Synaptotagmin family. Containing two C2 domains, Synaptotagmin VIII exists as a homodimer or homooligomer. Synaptotagmin VIII exists as two alternatively spliced isoforms, isoform 1 and isoform 4. Synaptotagmin VIII isoform 4 is thought to participate in the trafficking and exocytosis of secretory vesicles in non-neuronal tissues.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 18 kDa

Swiss-Prot:

Q8NBV8

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: 1:50~1:204

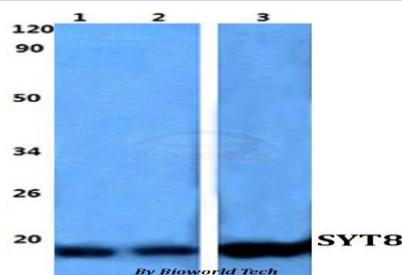
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -24 °C long term. Avoid freeze-thaw cycles.

Specificity:

SYT8 polyclonal antibody detects endogenous levels of SYT8 protein.

DATA:



Western blot (WB) analysis of SYT8 polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: Raw264.7 whole cell lysate

Lane3: H9C2 whole cell lysate

Note:

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

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