

BSN Rabbit pAb

Catalog No.: A20464

Basic Information

Observed MW

Refer to figures

Calculated MW

416kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

Background

Neurotransmitters are released from a specific site in the axon terminal called the active zone, which is composed of synaptic vesicles and a meshwork of cytoskeleton underlying the plasma membrane. The protein encoded by this gene is thought to be a scaffolding protein involved in organizing the presynaptic cytoskeleton. The gene is expressed primarily in neurons in the brain. A similar gene product in rodents is concentrated in the active zone of axon terminals and tightly associated with cytoskeletal structures, and is essential for regulating neurotransmitter release from a subset of synapses.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

8927

Swiss Prot

Q9UPA5

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 830-950 of human BSN (NP_003449.2).

Synonyms

ZNF231; BSN

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

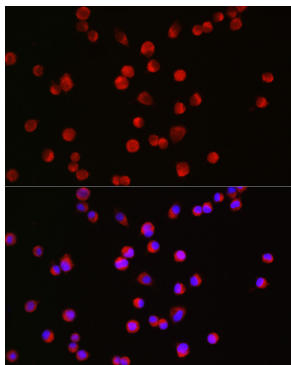
Affinity purification

Storage

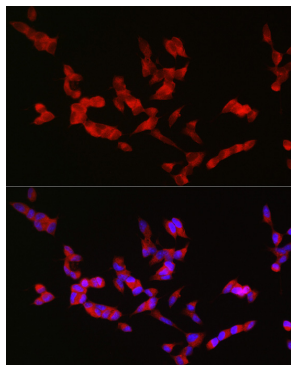
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Immunofluorescence analysis of Neuro-2a cells using BSN Rabbit pAb (A20464) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using BSN Rabbit pAb (A20464) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.