

## Rabbit anti-Human, Mouse BSN Polyclonal Antibody | anti-BSN antibody

BSN Polyclonal Antibody

|                               |                       |                                   |                                           |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------------|
| CATALOG #<br><b>AAA179273</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunofluorescence</b> |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------------|

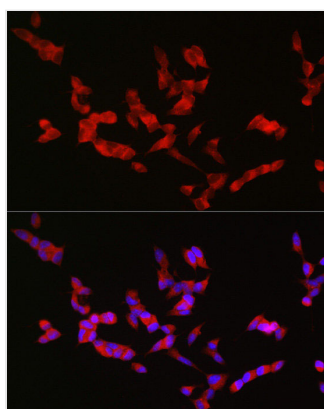
### PRODUCT SYNONYMS

BSN; Polyclonal Antibody; BSN Polyclonal Antibody; ZNF231; anti-BSN antibody

### PRODUCT SPECIFICATIONS

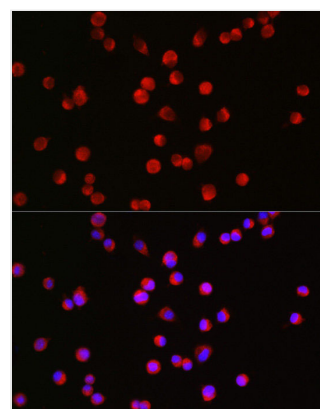
|                                               |                                                           |
|-----------------------------------------------|-----------------------------------------------------------|
| Host                                          | Rabbit                                                    |
| Reactivity                                    | Human, Mouse                                              |
| Clonality                                     | Polyclonal                                                |
| Isotype                                       | IgG                                                       |
| Purity/Purification                           | Affinity purification                                     |
| Form/Format                                   | PBS with 0.05% proclin300,50% glycerol,pH7.3.             |
| Concentration                                 | 1mg/mL (varies by lot)                                    |
| Applicable Applications for anti-BSN antibody | IF (Immunofluorescence)                                   |
| Immunogen                                     | Recombinant fusion protein of human BSN                   |
| Research Area                                 | Neuroscience                                              |
| Preparation and Storage                       | Storage: -20 degree C/One year. Avoid freeze/thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

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



#### IF (Immunofluorescence)

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

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BSN antibody | 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. |
| Product Categories/Family for anti-BSN antibody   | Antibodies; Primary Antibodies; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                            |                       |
|----------------------------|-----------------------|
| UniProt Accession #        | Q9UPA5                |
| Molecular Weight           | Calculated MW: 416kDa |
| UniProt Protein Name       | Protein bassoon       |
| UniProt Gene Name          | BSN                   |
| UniProt Synonym Gene Names | KIAA0434; ZNF231      |
| UniProt Entry Name         | BSN_HUMAN             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.