

ARG24154 anti-Bassoon / BSN antibody (APC)

Package: 50 µg
Store at: -20°C

Summary

Product Description	APC-conjugated Rabbit Polyclonal antibody recognizes Bassoon / BSN
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Specificity	Multiple isoforms can be detected.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Bassoon / BSN
Species	Human
Immunogen	His-tagged fusion protein
Conjugation	APC
Alternate Names	BSN; Bassoon Presynaptic Cyto matrix Protein; Zinc Finger Protein 231; ZNF231; Neuronal Double Zinc Finger Protein; Protein Bassoon; Bassoon (Presynaptic Cyto matrix Protein); KIAA0434

Application Instructions

Application table	Application	Dilution
	IHC-P	1:400
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 50% Glycerol and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Gene Full Name	Bassoon Presynaptic Cytomatrix Protein
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.
Function	Scaffold protein of the presynaptic cytomatrix at the active zone (CAZ) which is the place in the synapse where neurotransmitter is released.
Calculated Mw	416 kDa
PTM	Glycoprotein, Lipoprotein, Methylation, Myristate, Phosphoprotein
Cellular Localization	Cell projection, Cytoplasm, Cytoplasmic vesicle, Cytoskeleton, Membrane, Synapse