
Bassoon Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250482

Unit: 0.1 mg

Description:

Protein bassoon (Zinc finger protein 231, ZNF231) is localized to the presynaptic density active zone that regulates neurotransmitter release, in brain neurons and photoreceptor ribbon synapses. Bassoon is thought to be involved in the organization of the active zone cytomatrix by binding to ERC2/CAST1. It is essential to regulated neurotransmitter release from a subset of brain glutaminergic neurons. In addition Bassoon's activity as a transcriptional regulator is suggested by the following sequences: a pair of C8 double zinc fingers motifs, a leucine zipper motif, an SH3 domain-binding motif, two nuclear targeting sequences, glutamine- and histidine-rich domains.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Bassoon; Protein bassoon; Zinc finger protein 231; BSN; ZNF321; KIAA0434

Accession No.: Q9UPA5

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Bassoon.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.