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PRODUCT DATASHEET

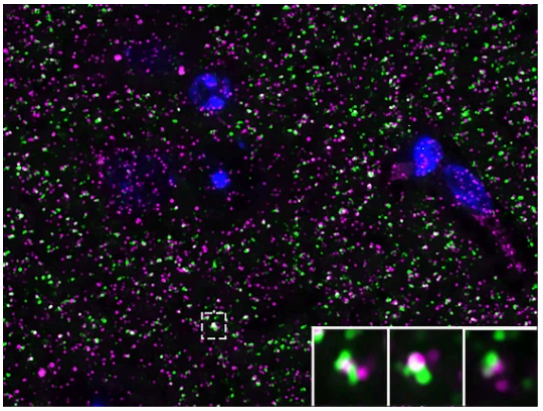
Anti-Bassoon Antibody

Product Details

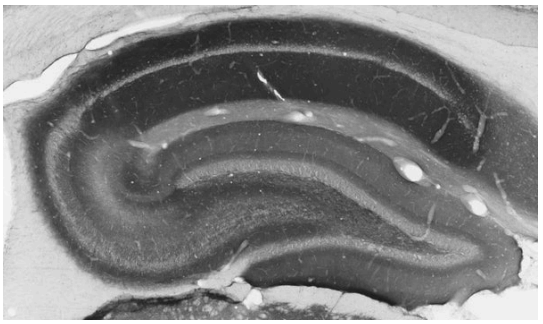
Available Variants	100 µL (SKU:75-491) 20 µL (SKU:75-491-020)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	L124/59
Gene Name	Bsn
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	AT, ELISA, ICC, IHC, WB
Dilution Ranges	IHC: 1:500 ICC: 1:500
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein amino acids 157-517 (zinc finger domains) of rat Bassoon (accession number O88778) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	400 kDa for full-length protein, many smaller bands possible depending on sample used

Quality Control	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2744564
UniProt ID	O88778
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



Array tomography immunofluorescence of an LRWhite-embedded 70 nm section from adult mouse cortex with L124/59 (magenta), rabbit mAb PSD-95 (Cell Signaling 3450, green) and Hoechst nuclear stain (blue). The insert shows three consecutive sections through the synapse that is marked with a white box.



Adult rat hippocampus immunohistochemistry.