

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

Anti-Bassoon

RRID:AB_2290619

Type: Antibody

Proper Citation

Synaptic Systems Cat# 141 004, RRID:AB_2290619

Antibody Information

URL: http://antibodyregistry.org/AB_2290619

Proper Citation: Synaptic Systems Cat# 141 004, RRID:AB_2290619

Target Antigen: Bassoon

Host Organism: guinea pig

Clonality: polyclonal

Comments: Applications: WB,ICC,IHC

Antibody Name: Anti-Bassoon

Description: This polyclonal targets Bassoon

Target Organism: chicken, rat, mouse

Antibody ID: AB_2290619

Vendor: Synaptic Systems

Catalog Number: 141 004

Record Creation Time: 20231110T045248+0000

Record Last Update: 20260831T192236+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Bassoon.

No alerts have been found for Anti-Bassoon.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#).

Chhikara A, et al. (2025) Activity-dependent localization and dynamics of STIM1 and STIM2 at ER-PM contacts in hippocampal neurons. *Cell reports*, 44(10), 116290.

Topolski MA, et al. (2025) Input-Specific Localization of NMDA Receptor GluN2 Subunits in Thalamocortical Neurons. *Journal of neurochemistry*, 169(3), e70049.

Emperador-Melero J, et al. (2024) Distinct active zone protein machineries mediate Ca²⁺ channel clustering and vesicle priming at hippocampal synapses. *Nature neuroscience*, 27(9), 1680.

Topolski MA, et al. (2024) Input-specific localization of NMDA receptor GluN2 subunits in thalamocortical neurons. *bioRxiv : the preprint server for biology*.

Bär J, et al. (2024) Non-canonical function of ADAM10 in presynaptic plasticity. *Cellular and molecular life sciences : CMLS*, 81(1), 342.

Yaeger CE, et al. (2024) A dendritic mechanism for balancing synaptic flexibility and stability. *Cell reports*, 43(8), 114638.

Krüssel S, et al. (2024) H-Ras induces exuberant de novo dendritic protrusion growth in mature neurons regardless of cell type. *iScience*, 27(8), 110535.

Kim HJ, et al. (2023) GABAergic-like dopamine synapses in the brain. *Cell reports*, 42(10), 113239.

Emperador-Melero J, et al. (2023) Molecular definition of distinct active zone protein machineries for Ca²⁺ channel clustering and synaptic vesicle priming. *bioRxiv : the preprint server for biology*.

Prigge CL, et al. (2023) Rejection of inappropriate synaptic partners in mouse retina mediated by transcellular FLRT2-UNC5 signaling. *Developmental cell*, 58(20), 2080.

Hahn N, et al. (2023) Protecting RNA quality for spatial transcriptomics while improving immunofluorescent staining quality. *Frontiers in neuroscience*, 17, 1198154.

Gabrielli M, et al. (2022) Microglial large extracellular vesicles propagate early synaptic dysfunction in Alzheimer's disease. *Brain : a journal of neurology*, 145(8), 2849.

Azarnia Tehran D, et al. (2022) Selective endocytosis of Ca²⁺-permeable AMPARs by the Alzheimer's disease risk factor CALM bidirectionally controls synaptic plasticity. *Science advances*, 8(21), eabl5032.

Tan C, et al. (2022) Rebuilding essential active zone functions within a synapse. *Neuron*, 110(9), 1498.

Petkova-Tuffy A, et al. (2021) Neuroligin-1 mediates presynaptic maturation through brain-derived neurotrophic factor signaling. *BMC biology*, 19(1), 215.

Ferdos S, et al. (2021) Deletion of β -Neurexins in Mice Alters the Distribution of Dense-Core Vesicles in Presynapses of Hippocampal and Cerebellar Neurons. *Frontiers in neuroanatomy*, 15, 757017.

Lall D, et al. (2021) C9orf72 deficiency promotes microglial-mediated synaptic loss in aging and amyloid accumulation. *Neuron*, 109(14), 2275.

Blockus H, et al. (2021) Synaptogenic activity of the axon guidance molecule Robo2 underlies hippocampal circuit function. *Cell reports*, 37(3), 109828.

Hark TJ, et al. (2021) Pulse-Chase Proteomics of the App Knockin Mouse Models of Alzheimer's Disease Reveals that Synaptic Dysfunction Originates in Presynaptic Terminals. *Cell systems*, 12(2), 141.

Ferrante D, et al. (2021) PRRT2 modulates presynaptic Ca^{2+} influx by interacting with P/Q-type channels. *Cell reports*, 35(11), 109248.