Product Datasheet

GABA-B R2 Antibody (S81-2) - BSA Free
NBP2-59335

Unit Size: 100 ug

Store at -20C.

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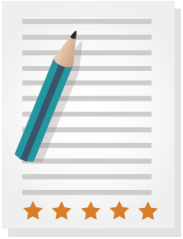
Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-59335

Updated 9/9/2025 v.20.1



NBP2-59335

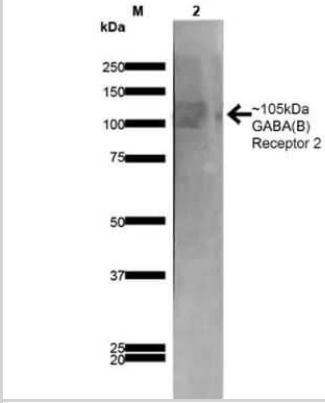
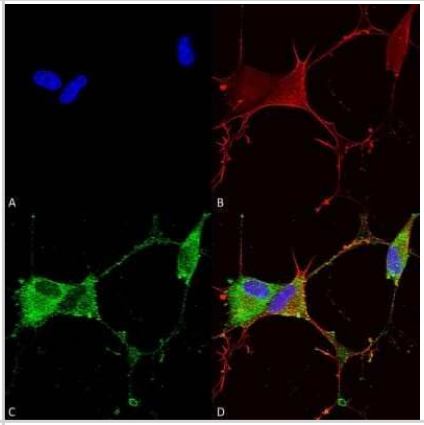
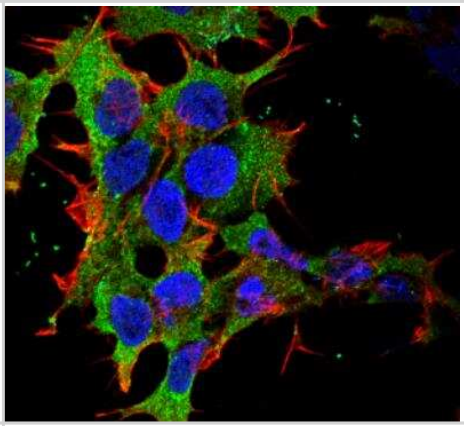
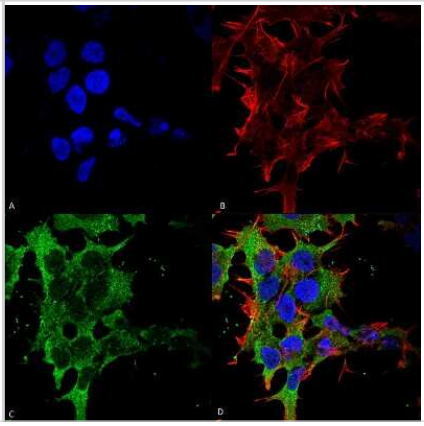
GABA-B R2 Antibody (S81-2) - BSA Free

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	S81-2
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description	
Description	Novus Biologicals Mouse GABA-B R2 Antibody (S81-2) - BSA Free (NBP2-59335) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-GABA-B R2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9568
Gene Symbol	GABBR2
Species	Human, Mouse, Rat
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Specificity/Sensitivity	Detects 105kDa. No cross-reactivity against GABA(B)R1.
Immunogen	Fusion protein amino acids 861-912 of rat GABA(B)R2

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence

Images

Western Blot: GABA-B R2 Antibody (S81-2) [NBP2-59335] - Western Blot analysis of Rat Brain Membrane showing detection of ~105 kDa GABA-B R2 protein using Mouse Anti-GABA-B R2 Monoclonal Antibody, Clone S81-2 (NBP2-59335). Lane 1: MW Ladder. Lane 2: Rat Brain Membrane (10 ug). . Load: 10 ug. Block: 5% milk. Primary Antibody: Mouse Anti-GABA-B R2 Monoclonal Antibody (NBP2-59335) at 1:1000 for 1 hour at RT. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:200 for 1 hour at RT. Color Development: TMB solution for 10 min at RT. Predicted/Observed Size: ~105 kDa.	
Immunocytochemistry/Immunofluorescence: GABA-B R2 Antibody (S81-2) [NBP2-59335] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-GABA-B Receptor 2 Monoclonal Antibody, Clone S81-2 (NBP2-59335). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-GABA-B Receptor 2 Monoclonal Antibody (NBP2-59335) at 1:100 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) GABA-B Receptor 2 Antibody (D) Composite.	
Immunocytochemistry/Immunofluorescence: GABA-B R2 Antibody (S81-2) [NBP2-59335] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-GABA-B Receptor 2 Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cell Membrane. Magnification: 60X.	
Immunocytochemistry/Immunofluorescence: GABA-B R2 Antibody (S81-2) [NBP2-59335] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-GABA-B Receptor 2 Monoclonal Antibody, Clone S81-2 (NBP2-59335). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-GABA-B Receptor 2 Monoclonal Antibody (NBP2-59335) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cell Membrane. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) GABA-B Receptor 2 Antibody. (D) Composite.	

Publications

Osse AML, Pandey RS, Wirt RA et al. Reduction in GABAB on glia induce Alzheimer's disease related changes Brain, behavior, and immunity 2023-03-09 [PMID: 36906075] (FLOW, Mouse)

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Products Related to NBP2-59335

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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