

Product Datasheet

GABA-A R beta 1 Antibody (S96-55) - BSA Free NBP1-48319-0.025mg

Unit Size: 0.025 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-48319-0.025mg

GABA-A R beta 1 Antibody (S96-55) - BSA Free

Product Information	
Unit Size	0.025 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S96-55
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-A R beta 1 Antibody (S96-55) - BSA Free (NBP1-48319) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GABA-A R beta 1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2560
Gene Symbol	GABRB1
Species	Human, Mouse, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 28197552).
Specificity/Sensitivity	Detects approx 55kDa. No cross-reactivity against GABA-A-R-Beta 2 or -Beta3.
Immunogen	Fusion protein amino acids 327-450 of mouse GABA-A-R-Beta 1
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Microarray
Recommended Dilutions	Western Blot 1-10 ug/ml, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 0.1-1.0 ug/ml, Microarray
Application Notes	2 ug/ml of GABA-A Receptor Beta1 Antibody was sufficient for detection of Beta1 GABA receptor in 10 ug of rat brain lysate by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary Antibody.

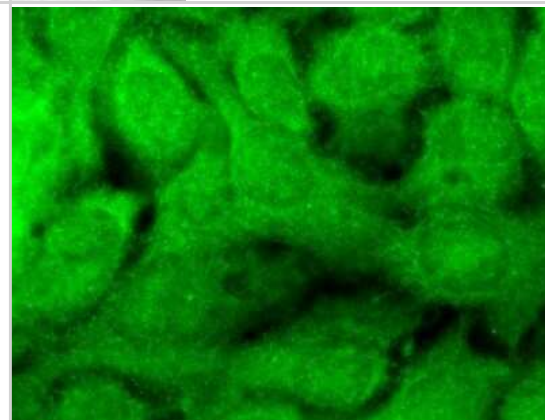


Images

Western Blot: GABA-A R beta 1 Antibody (S96-55) [NBP1-48319] - analysis of Human Cell line lysates showing detection of GABA A Receptor protein using Mouse Anti-GABA A Receptor Monoclonal Antibody, Clone S96-55 . Load: 15 ug protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-GABA A Receptor Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.

201.5→
156.75→
106→
79.68→
48.33→
37.81→
23.27→
18.19→

Immunocytochemistry/Immunofluorescence: GABA-A R beta 1 Antibody (S96-55) [NBP1-48319] - Tissue: HaCaT cells. Species: Human. Fixation: Cold 100% methanol for 10 minutes at -20C. Primary Antibody: Mouse Anti-GABA A Receptor Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Positive.



Publications

Hernandez CC, Zhang Y, Hu N et al. GABA A Receptor Coupling Junction and Pore GABRB3 Mutations are Linked to Early-Onset Epileptic Encephalopathy Sci Rep. 2017-11-21 [PMID: 29162865] (WB, Human)

Hernandez CC, Kong W, Hu N et al. Altered Channel Conductance States and Gating of GABAA Receptors by a Pore Mutation Linked to Dravet Syndrome. eNeuro. 2017-02-15 [PMID: 28197552] (WB, Human)



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Products Related to NBP1-48319-0.025mg

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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