

Product Datasheet

GABA-AR alpha 1 Antibody (1F4) - Azide and BSA Free NBP3-09048-0.2mg

Unit Size: 0.2 mg

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

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Updated 9/9/2025 v.20.1

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NBP3-09048-0.2mg

GABA-AR alpha 1 Antibody (1F4) - Azide and BSA Free

Product Information	
Unit Size	0.2 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	1F4
Preservative	0.02% Proclin 300
Isotype	IgG2b Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse GABA-AR alpha 1 Antibody (1F4) - Azide and BSA Free (NBP3-09048) is a recombinant monoclonal antibody validated for use in ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2554
Gene Symbol	GABRA1
Species	Human
Immunogen	This antibody was raised against alpha 1 beta 2 gamma 2 GABA-A receptor.
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, X-Ray Crystallography
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence, X-Ray Crystallography
Application Notes	FSEC: High affinity and specificity of the 1F4 antibody to alpha 1 beta 2 gamma 2 GABA-A receptor was demonstrated using fluorescence-detection size exclusion chromatography with GFP-tagged receptor (shift in elution volume) (Zhu et al., 2018). Crystallography: Furthermore, this antibody was utilised in production and purification of the alpha 1 beta 2 gamma 2 GABA-A receptor (Zhu et al., 2018). Finally, Fab fragments derived from the antibody were used to facilitate crystallisation and improve stabilisation of the alpha 1 beta 2 gamma 2 GABA-A receptor (Zhu et al., 2018).



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Products Related to NBP3-09048-0.2mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-33762PEP	GABA-AR alpha 1 Recombinant Protein Antigen

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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