

Product Datasheet

Glutamate Receptor 4 Antibody (JE36-81) NBP3-32384

Unit Size: 100 ul

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

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NBP3-32384

Glutamate Receptor 4 Antibody (JE36-81)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE36-81
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	101 kDa

Product Description	
Host	Rabbit
Gene ID	2893
Gene Symbol	GRIA4
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Glutamate Receptor 4 aa 853-902 / 902. (Uniprot: P48058)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin



Images

Western Blot: Glutamate Receptor 4 Antibody (JE36-81) [NBP3-32384] - Western blot analysis of Glutamate Receptor 4 on different lysates with Rabbit anti-Glutamate Receptor 4 antibody (NBP3-32384) at 1/1,000 dilution.

Lane 1: Mouse cerebellum tissue lysate (RIPA lysis)
 Lane 2: Mouse cerebellum tissue lysate (hot lysis)
 Lane 3: Rat cerebellum tissue lysate (RIPA lysis)
 Lane 4: Rat cerebellum tissue lysate (hot lysis)

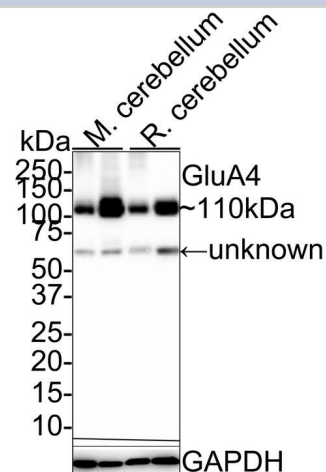
Lysates/proteins at 40 ug/Lane.

Predicted band size: 101 kDa
 Observed band size: 110/60 kDa

Exposure time: 30 seconds;

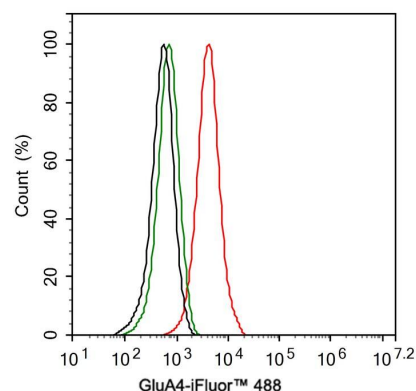
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32384) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.



Flow Cytometry: Glutamate Receptor 4 Antibody (JE36-81) [NBP3-32384] - Flow cytometric analysis of SH-SY5Y cells labeling Glutamate Receptor 4.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32384, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32384

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-31779	Human Glutamate Receptor 4 ELISA Kit (Colorimetric)

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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