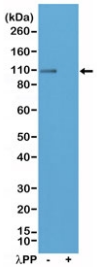
Recombinant phospho-GluR1 Antibody (pSer845) [clone RM296] (R20317)

Catalog No.	Formulation	Size
R20317-0.1ML	Antibody in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ul

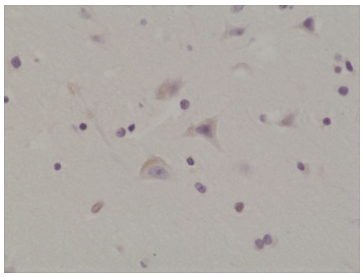
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rat
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM296
Purity	Protein A purified from animal origin-free supernatant
UniProt	P42261
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 1:100-1:200 Western Blot: 1:100-1:200
Limitations	This recombinant phospho-GluR1 antibody is available for research use only.



Western blot testing of lysate from mouse brain tissue, untreated (-) or dephosphorylated (+) with Lambda Protein Phosphatase (?PP), with recombinant phospho-GluR1 antibody at 1:200 dilution. Predicted molecular weight ~102 kDa.



IHC testing of formalin fixed and paraffin embedded human brain tissue with recombinant phospho-GluR1 antibody at 1:200 dilution. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

This antibody reacts to human Glutamate Receptor 1 (GluR1), also called AMPA Receptor, only when phosphorylated at Ser845. There is no cross-reactivity to GluR1 that is not phosphorylated at Ser845. This antibody may also react to mouse or rat phospho-GluR1 (Ser845) as predicted by immunogen homology.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant phospho-GluR1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A peptide corresponding to the amino acids surrounding phosphorylated serine 845 from the human protien was used as the immunogen for the recombinant phospho-GluR1 antibody.

Storage

Store the recombinant phospho-GluR1 antibody at -20oC.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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