

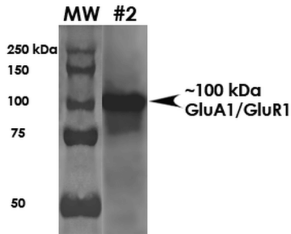
Anti-Glutamate Receptor 1 (AMPA subtype) Antibody [S355-1] (A304766)

Specifications:

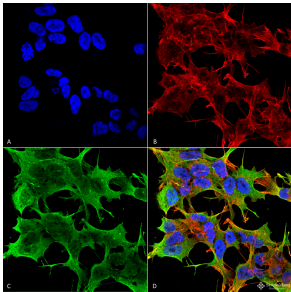
Name:	Anti-Glutamate Receptor 1 (AMPA subtype) Antibody [S355-1]
Description:	Mouse monoclonal [S355-1] antibody to Glutamate Receptor 1 (AMPA subtype).
Applications:	WB, IHC, ICC/IF
Recommended Dilutions:	WB: 1:1,000, ICC/IF: 1:100
Reactivity:	Human, Mouse, Rat
Cross Reactivity:	This antibody does not cross-react with GluR2.
Immunogen:	Fusion protein amino acids 1-389 (extracellular N-terminus) of rat GluA1/GluR1.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	S355-1
Isotype:	IgG1
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Molecular Weight:	~100 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.4, with 50% Glycerol and 0.1% Sodium Azide
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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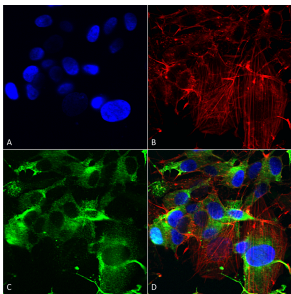
Images:



Western blot analysis of rat brain membrane showing detection of ~100 kDa GluA1-GluR1 protein using Anti-Glutamate Receptor 1 (AMPA subtype) Antibody [S355-1] (A304766) at 1:2000 for 1 hour at room temperature. Load: 10 μ g. Block: 5% milk + TBST. The secondary antibody used was Goat Anti-Mouse HRP at 1:200 for 1 hour at room temperature. Predicted/Observed Size: ~100 kDa.



Immunocytochemistry/Immunofluorescence analysis of human neuroblastoma cell line (SK-N-BE, fixed in 4% formaldehyde for 15 min at room temperature, using Anti-Glutamate Receptor 1 (AMPA subtype) Antibody [S355-1] (A304766), at 1:100 for 60 minutes at room temperature. The secondary antibody used was Goat Anti-Mouse ATTO 488 at 1:100 for 60 minutes at room temperature. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5,000 for 60min room temperature, 5min room temperature. Localization: Cell Membrane, Cell Junction. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) GluA1/GluR1 Glutamate Receptor Antibody. (D) Composite.



Immunocytochemistry/Immunofluorescence analysis of human neuroblastoma cells (SH-SY5Y), fixed in 4% PFA for 15 min, using Anti-Glutamate Receptor 1 (AMPA subtype) Antibody [S355-1] (A304766), at 1:200 for overnight at 4°C with slow rocking. The secondary antibody used was AlexaFluor 488 at 1:1,000 for 1 hour at room temperature. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 minutes at room temperature. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) GluA1/GluR1 Antibody (D) Composite.