

Product Datasheet

GluR1 (phospho Ser831) Antibody (orb1273525)

Catalog Number	orb1273525
Description	GluR1 (phospho Ser831) Antibody
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	WB
Immunogen	GluR1 (Ser831) polyclonal antibody was raised against a synthetic phosphopeptide corresponding to amino acids residues surrounding the phospho-Ser831 of rat GluR1.
Target	Gria1
Form/Appearance	Liquid
Concentration	batch dependent
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	Immunolabeling of the GluR1 protein in Western blots of rat brain is blocked by the Ser831 phosphopeptide used as antigen but not by the corresponding non-phosphopeptide. The antibody is purified by sequential chromatography on phospho- and non-phosphopeptide affinity columns. Antibody dilutions and tissue load should be based on tissue type and expected phosphorylation state. Initial recommended range of dilutions: 1:500 to 1:2000. Applications include Dot Blots (DB) and Western Blot (WB). Immunohistochemistry (IHC) has not yet been determined. Human, mouse and rat have 100% amino acid sequence identity with the antigen used to raise the antibody. When internally tested under ideal conditions the working dilutions were 1:1000 for DB and WB.
Clonality	Polyclonal

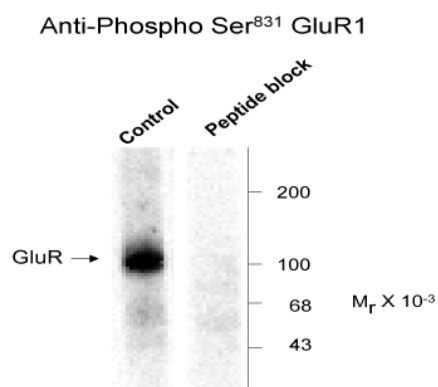
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Antibody Type	Primary Antibody
MW	100
Uniprot ID	P19490
NCBI	P19490
Expiration Date	12 months from date of receipt.



Western blot of rat hippocampal lysate showing phospho-specific immunolabeling of the ~100k GluR1 protein phosphorylated at Ser831.

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