

# Product Data Sheet

## Anti-GLUR2 (pS880) Antibody

Catalog #	Source	Reactivity	Applications
CPA3975	Rabbit	H, M, R, C, Mk, Z	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to GLUR2 (pS880)		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GLUR2 (pS880). The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of GLUR2 (pS880) protein.		
<b>Clonality</b>	Polyclonal		
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
<b>Gene Symbol</b>	GRIA2		
<b>Alternative Names</b>	GLUR2; Glutamate receptor 2; GluR-2; AMPA-selective glutamate receptor 2; GluR-B; GluR-K2; Glutamate receptor ionotropic, AMPA 2; GluA2		
<b>Entrez Gene</b>	2891 (Human); 14800 (Mouse); 29627 (Rat)		
<b>SwissProt</b>	P42262 (Human); P23819 (Mouse); P19491 (Rat)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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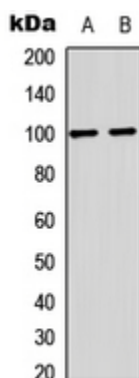
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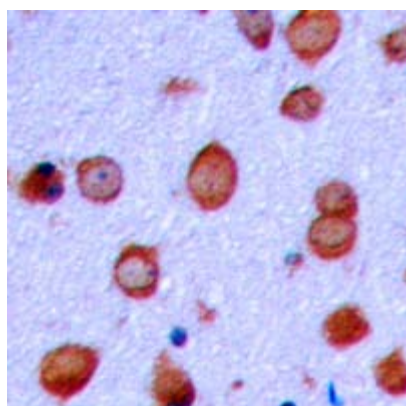
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Western blot analysis of GLUR2 (pS880) expression in mouse brain (A), rat brain (B) whole cell lysates.



Immunohistochemical analysis of GLUR2 (pS880) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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