

Anti-GLUR3 Antibody

Catalog #	Source	Reactivity	Applications
CQA1988	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to GLUR3		
Immunogen	Recombinant full length protein of human GLUR3		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of GLUR3 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)		
Gene Symbol	GRIA3		
Alternative Names	GLUR3; GLURC; Glutamate receptor 3; GluR-3; AMPA-selective glutamate receptor 3; GluR-C; GluR-K3; Glutamate receptor ionotropic, AMPA 3; GluA3		
Entrez Gene	2892 (Human); 53623 (Mouse); 29628 (Rat)		
SwissProt	P42263 (Human); Q9Z2W9 (Mouse); P19492 (Rat)		
Storage/Stability	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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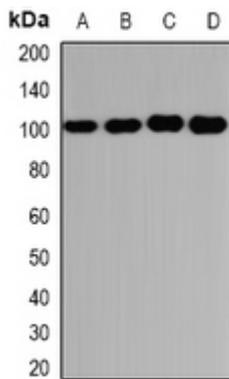
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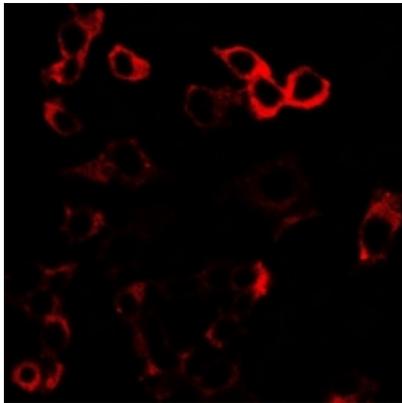
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Product Data Sheet



Western blot analysis of GLUR3 expression in U251 (A), PC3 (B), mouse brain (C), mouse lung (D) whole cell lysates. (Predicted band size: 101 kD; Observed band size: 101 kD)



Immunofluorescent analysis of GLUR3 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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