For research purposes only, not for human use

Product Data Sheet

Anti-GLURD2 Antibody

Catalog #	Source	Reactivity	Applications
CPA3976	Rabbit	H, M, R, Z	WB, IF/IC

Description	Rabbit polyclonal antibody to GLURD2
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GLURD2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GLURD2 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 - 1/1000), IF/IC (1/100 - 1/500)
Gene Symbol	GRID2
Alternative Names	GLURD2; Glutamate receptor ionotropic, delta-2; GluD2; GluR delta-2 subunit
Entrez Gene	2895 (Human); 14804 (Mouse); 79220 (Rat)
SwissProt	O43424 (Human); Q61625 (Mouse); Q63226 (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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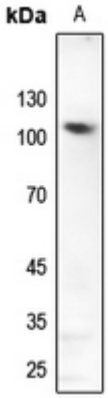
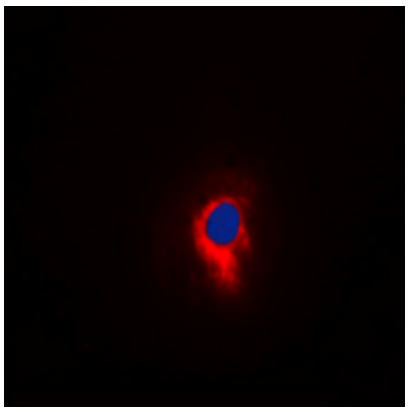


Western blot analysis of GLURD2 expression in zebrafish (A) whole cell lysates. (Predicted band size: 113 kD; Observed band size: 113 kD)



Immunofluorescent analysis of GLURD2 staining in HEK293T 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 hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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