

Product Data Sheet

Anti-mGLUR5 Antibody

Catalog #	Source	Reactivity	Applications
CPA3232	Rabbit	H, M, R, C	WB
Description	Rabbit polyclonal antibody to mGLUR5		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human mGLUR5. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of mGLUR5 protein.		
Clonality	Polyclonal		
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)		
Gene Symbol	GRM5		
Alternative Names	GPRC1E; MGLUR5; Metabotropic glutamate receptor 5; mGluR5		
Entrez Gene	2915 (Human); 108071 (Mouse); 24418 (Rat)		
SwissProt	P41594 (Human); Q3UVX5 (Mouse); P31424 (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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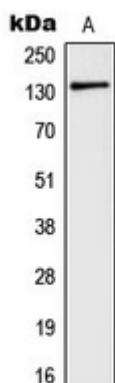
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Western blot analysis of mGLUR5 expression in A549 (A) whole cell lysates.

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