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Product Data Sheet

Anti-GALR1 Antibody

Catalog #	Source	Reactivity	Applications
CPA3612	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to GALR1
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GALR1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GALR1 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 (1/50 - 1/200)
Gene Symbol	GALR1
Alternative Names	GALNR; GALNR1; Galanin receptor type 1; GAL1-R; GALR-1
Entrez Gene	2587 (Human); 14427 (Mouse); 50577 (Rat)
SwissProt	P47211 (Human); P56479 (Mouse); Q62805 (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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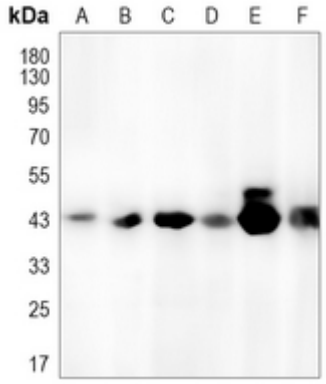
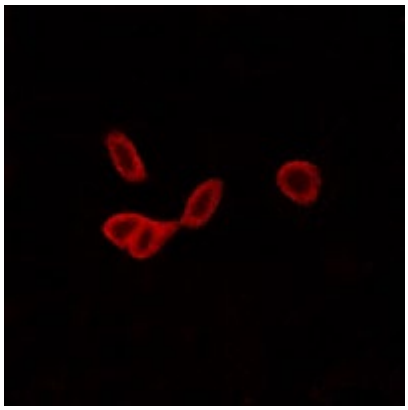


Western blot analysis of GALR1 expression in LO2 (A), A2780 (B), THP1 (C), mouse brain (D), mouse liver (E), rat liver (F) whole cell lysates. (Predicted band size: 38 kD; Observed band size: 43 kD)



Immunofluorescent analysis of GALR1 staining in LOVO 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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