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Anti-GALR2 Antibody

Catalog # AP60072

Product Information

Application	WB
Primary Accession	O43603
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41700

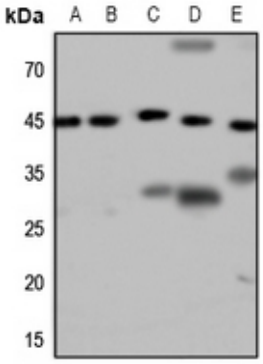
Additional Information

Gene ID	8811
Other Names	GALNR2; Galanin receptor type 2; GAL2-R; GALR-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GALR2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	GALR2
Synonyms	GALNR2
Function	Receptor for the hormone galanin and GALP. Receptor for the hormone spexin-1 (PubMed:24517231). The activity of this receptor is mediated by G proteins that activate the phospholipase C/protein kinase C pathway (via G(q)) and that inhibit adenylyl cyclase (via G(i)).
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Expressed abundantly within the central nervous system in both hypothalamus and hippocampus. In peripheral tissues, the strongest expression was observed in heart, kidney, liver, and small intestine

Images



Western blot analysis of GALR2 expression in Hela (A), HepG2 (B), mouse brain (C), mouse kidney (D), rat kidney (E) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 42 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.