

Product Data Sheet

Anti-Ryanodine Receptor 2 Antibody

Catalog #	Source	Reactivity	Applications
CPA4514	Rabbit	H, M, R, Rb	WB
Description	Rabbit polyclonal antibody to Ryanodine Receptor 2		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Ryanodine Receptor 2. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Ryanodine Receptor 2 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	RYR2		
Alternative Names	Ryanodine receptor 2; RYR-2; RyR2; hRYR-2; Cardiac muscle ryanodine receptor; Cardiac muscle ryanodine receptor-calcium release channel; Type 2 ryanodine receptor		
Entrez Gene	6262 (Human); 20191 (Mouse); 689560 (Rat)		
SwissProt	Q92736 (Human); E9Q401 (Mouse); BOLPN4 (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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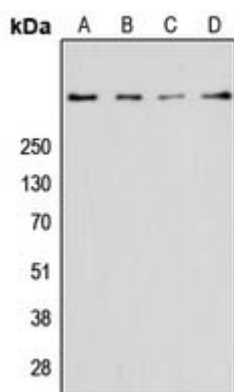
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Western blot analysis of Ryanodine Receptor 2 expression in PC3 (A), MCF7 (B), NIH3T3 (C), mouse brain (D) whole cell lysates.

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