

Product Data Sheet

Anti-Apelin Antibody

Catalog #	Source	Reactivity	Applications
CPA7275	Rabbit	H, M, R, B	WB
Description	Rabbit polyclonal antibody to Apelin		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Apelin. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Apelin 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	APLN		
Alternative Names	APEL; Apelin; APJ endogenous ligand		
Entrez Gene	8862 (Human); 30878 (Mouse); 58812 (Rat)		
SwissProt	Q9ULZ1 (Human); Q9R0R4 (Mouse); Q9R0R3 (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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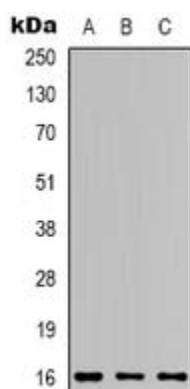
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Western blot analysis of Apelin expression in 22RV1 (A), MCF7 (B), mouse brain (C) whole cell lysates.

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