

Product Data Sheet

Anti-Calcitonin Antibody

Catalog #	Source	Reactivity	Applications
CPA7401	Rabbit	H, M	WB
Description	Rabbit polyclonal antibody to Calcitonin		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Calcitonin. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Calcitonin 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 - 1/2000)		
Gene Symbol	CALCA		
Alternative Names	CALC1; Calcitonin		
Entrez Gene	796 (Human); 12310 (Mouse)		
SwissProt	P01258 (Human); P70160 (Mouse)		
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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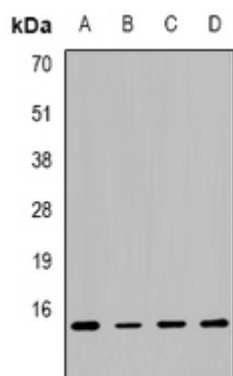
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Western blot analysis of Calcitonin expression in MCF7 (A), SW480 (B), mouse lung (C), mouse liver (D) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 15 kD)

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