

Product Data Sheet

Anti-Calpain reg Antibody

Catalog #	Source	Reactivity	Applications
CQA1403	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to Calpain reg		
Immunogen	Recombinant full length protein of human Calpain reg		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Calpain reg 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), IH (1/50 - 1/200)		
Gene Symbol	CAPNS1		
Alternative Names	CAPN4; CAPNS; Calpain small subunit 1; CSS1; Calcium-activated neutral proteinase small subunit; CANP small subunit; Calcium-dependent protease small subunit; CDPS; Calcium-dependent protease small subunit 1; Calpain regulatory subunit		
Entrez Gene	826 (Human); 12336 (Mouse); 29156 (Rat)		
SwissProt	P04632 (Human); O88456 (Mouse); Q64537 (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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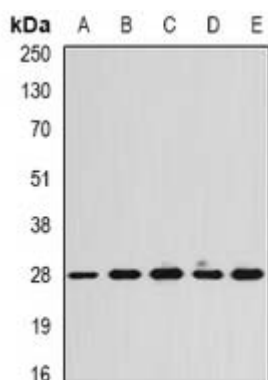
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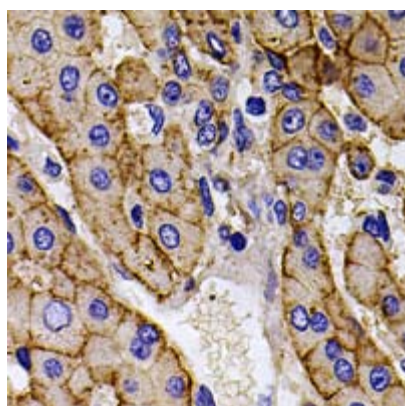
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Western blot analysis of Calpain reg expression in Hela (A), SKOV3 (B), mouse heart (C), mouse spleen (D), rat lung (E) whole cell lysates.



Immunohistochemical analysis of Calpain reg staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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