

## Anti-Calpain 2 Antibody

Catalog #	Source	Reactivity	Applications
CQA2765	Rabbit	H, M, R	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to Calpain 2		
<b>Immunogen</b>	Recombinant full length protein of human Calpain 2		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of Calpain 2 protein.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IH (1/50 - 1/200)		
<b>Gene Symbol</b>	CAPN2		
<b>Alternative Names</b>	CANPL2; Calpain-2 catalytic subunit; Calcium-activated neutral proteinase 2; CANP 2; Calpain M-type; Calpain large polypeptide L2; Calpain-2 large subunit; Millimolar-calpain; M-calpain		
<b>Entrez Gene</b>	824 (Human); 12334 (Mouse)		
<b>SwissProt</b>	P17655 (Human); O08529 (Mouse)		
<b>Storage/Stability</b>	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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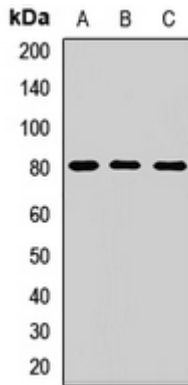
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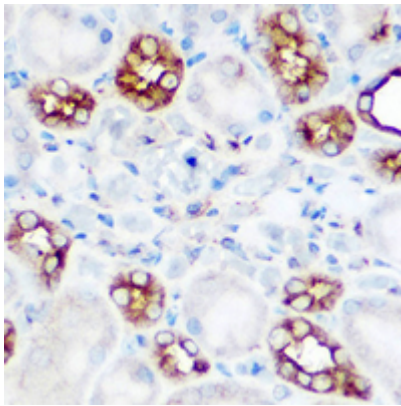
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## Product Data Sheet



Western blot analysis of Calpain 2 expression in A549 (A), HeLa (B), mouse lung (C) whole cell lysates. (Predicted band size: 71; 79 kD; Observed band size: 80 kD)



Immunohistochemical analysis of Calpain 2 staining in mouse kidney 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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