

Product Data Sheet

Anti-GRP170 Antibody

Catalog #	Source	Reactivity	Applications
CQA3201	Rabbit	H, M	WB, IF/IC
Description	Rabbit polyclonal antibody to GRP170		
Immunogen	Recombinant full length protein of human GRP170		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of GRP170 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), IF/IC (1/50 - 1/200)		
Gene Symbol	HYOU1		
Alternative Names	GRP170; ORP150; Hypoxia up-regulated protein 1; 150 kDa oxygen-regulated protein; ORP-150; 170 kDa glucose-regulated protein; GRP-170		
Entrez Gene	10525 (Human); 12282 (Mouse)		
SwissProt	Q9Y4L1 (Human); Q9JKR6 (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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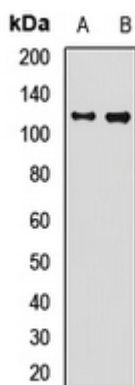
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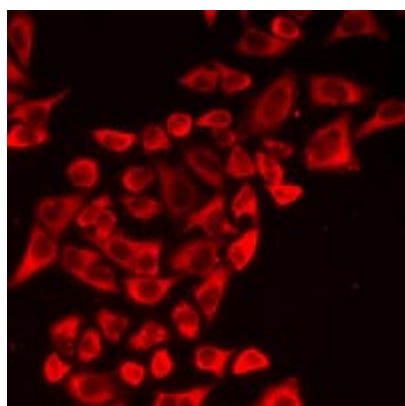
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Western blot analysis of GRP170 expression in MCF7 (A), mouse pancreas (B) whole cell lysates.



Immunofluorescent analysis of GRP170 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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