

Product Data Sheet

Anti-PDIA2 Antibody

Catalog #	Source	Reactivity	Applications
CQA5431	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to PDIA2		
Immunogen	Recombinant fusion protein of human PDIA2. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of PDIA2 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	PDIA2		
Alternative Names	PDIP; Protein disulfide-isomerase A2; Pancreas-specific protein disulfide isomerase; PDIp		
Entrez Gene	64714 (Human); 69191 (Mouse)		
SwissProt	Q13087 (Human); D3Z6P0 (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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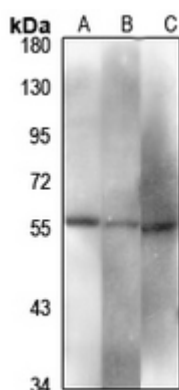
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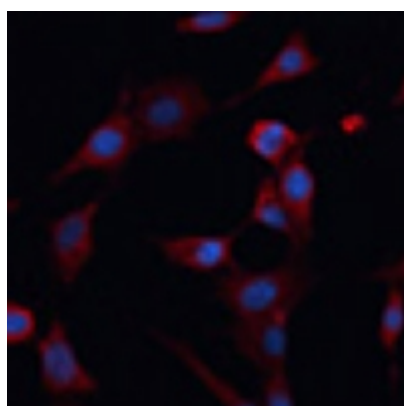
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Western blot analysis of PDIA2 expression in U87MG (A), mouse liver (B), rat liver (C) whole cell lysates. (Predicted band size: 57; 58 kD; Observed band size: 58 kD)



Immunofluorescent analysis of PDIA2 staining in NIH3T3 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 Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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