

Recombinant Anti-PRDX4 Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA4618	Rabbit	H, M, R	WB
Description	Recombinant rabbit monoclonal antibody to PRDX4		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human PRDX4 protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of PRDX4 protein		
Clonality	Monoclonal		
Conjugation			
Form	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	PRDX4		
Alternative Names	Peroxiredoxin-4; Antioxidant enzyme AOE372; AOE37-2; Peroxiredoxin IV; Prx-IV; Thioredoxin peroxidase A0372; Thioredoxin-dependent peroxide reductase A0372		
Entrez Gene	10549 (Human); 53381 (Mouse); 85274 (Rat)		
SwissProt	Q13162 (Human); O08807 (Mouse); Q9Z0V5 (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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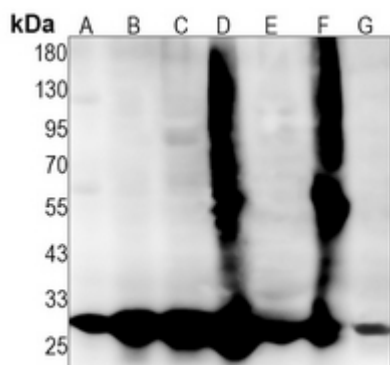
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Product Data Sheet



Western blot analysis of PRDX4 expression in HEK293T (A), HepG2 (B), A549 (C), mouse liver (D), mouse muscle (E), rat liver (F), rat muscle (G) whole cell lysates. (Predicted band size: 30 kD; Observed band size: 27 kD)

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