

Product Data Sheet

Anti-OPA1 Antibody

Catalog #	Source	Reactivity	Applications
CPA3687	Rabbit	H, M, R	WB
Description	Rabbit polyclonal antibody to OPA1		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human OPA1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of OPA1 protein.		
Clonality	Polyclonal		
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 - 1/1000)		
Gene Symbol	OPA1		
Alternative Names	KIAA0567; Dynamin-like 120 kDa protein, mitochondrial; Optic atrophy protein 1		
Entrez Gene	4976 (Human); 74143 (Mouse); 171116 (Rat)		
SwissProt	O60313 (Human); P58281 (Mouse); Q2TA68 (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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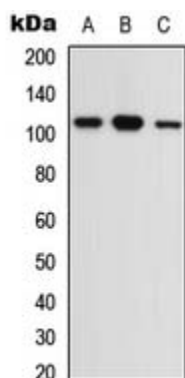
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Western blot analysis of OPA1 expression in A549 (A), Raw264.7 (B), PC12 (C) whole cell lysates.

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