

Anti-Melanopsin Antibody

Catalog #	Source	Reactivity	Applications
CPA2836	Rabbit	H	WB
Description	Rabbit polyclonal antibody to Melanopsin		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Melanopsin. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Melanopsin 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 - 1/1000)		
Gene Symbol	OPN4		
Alternative Names	MOP; Melanopsin; Opsin-4		
Entrez Gene	94233 (Human)		
SwissProt	Q9UHM6 (Human)		
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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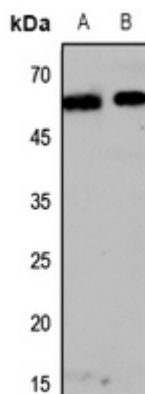
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Product Data Sheet



Western blot analysis of Melanopsin expression in HEK293T (A), HeLa (B) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 65 kD)

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