

Anti-PDE6-beta Antibody

Catalog #	Source	Reactivity	Applications
CQA1498	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to PDE6-beta		
Immunogen	Recombinant full length protein of human PDE6-beta		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of PDE6-beta 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), IH (1/50 - 1/200)		
Gene Symbol	PDE6B		
Alternative Names	PDEB; Rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit beta; GMP-PDE beta		
Entrez Gene	5158 (Human); 18587 (Mouse)		
SwissProt	P35913 (Human); P23440 (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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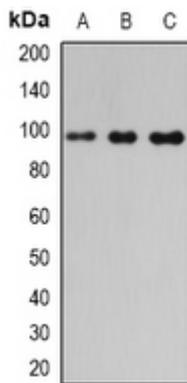
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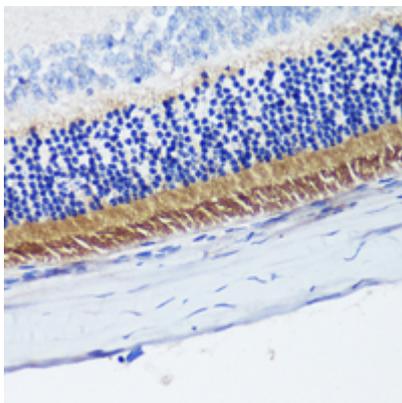
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Product Data Sheet



Western blot analysis of PDE6-beta expression in mouse pancreas (A), mouse heart (B), rat liver (C) whole cell lysates. (Predicted band size: 66; 98 kD; Observed band size: 98 kD)



Immunohistochemical analysis of PDE6-beta staining in rat retina formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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