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Images



Go to Product page

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Quantity:	200 μL
Target:	Phosducin (PDC)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosducin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein of human PDC (NP_002588.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Phosducin (PDC)
Alternative Name:	PDC (PDC Products)
Background:	This gene encodes a phosphoprotein, which is located in the outer and inner segments of the
	rod cells in the retina. This protein may participate in the regulation of visual phototransduction
	or in the integration of photoreceptor metabolism. It modulates the phototransduction cascade
	by interacting with the beta and gamma subunits of the retinal G-protein transducin. This gene

Target Details

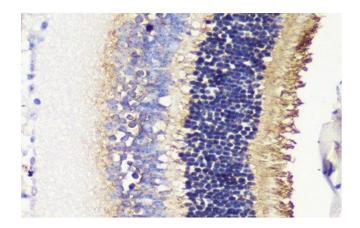
	is a potential candidate gene for retinitis pigmentosa and Usher syndrome type II. Alternatively spliced transcript variants encoding different isoforms have been identified.
Molecular Weight:	Observed_MW: 36 kDa Calculated_MW: 22 kDa/28 kDa/32 kDa
Gene ID:	5132
UniProt:	P20941

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200
Restrictions:	For Research Use only

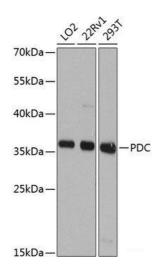
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



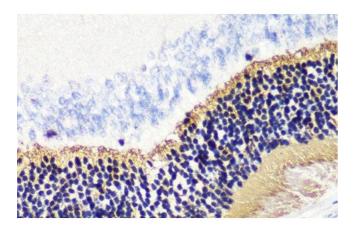
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Mouse retina using PDC Polyclonal Antibody at dilution of 1:200 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using PDC Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat retina using PDC Polyclonal Antibody at dilution of 1:200 (40x lens).