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Datasheet for ABIN954124 anti-Phosducin antibody (Middle Region)





Overview

Quantity:	0.4 mL
Target:	Phosducin (PDC)
Binding Specificity:	AA 58-89, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosducin antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)
Product Details	

Immunogen:	KLH conjugated synthetic peptide between 58-89 amino acids from the Central region of
	Human Phosducin / PDC.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Phosducin / PDC (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	Phosducin (PDC)
Alternative Name:	Phosducin / PDC (PDC Products)
Background:	This gene encodes a phosphoprotein, which is located in the outer and inner segments of the

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Target Details

	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
	is a potential candidate gene for retinitis pigmentosa and Usher syndrome type II. Alternatively
	spliced transcript variants encoding different isoforms have been identified.Synonyms: 33 kDa
	phototransducing protein, MEKA, PHD, PhLOP
Molecular Weight:	28246 Da
Gene ID:	5132

NCBI Accession:

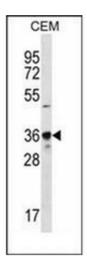
NP_002588

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of Phosducin / PDC Antibody (Center) in CEM cell line lysates (35ug/lane). This demonstrates the PDC antibody detected the PDC protein (arrow).

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