

[Go to Product page](#)

Datasheet for ABIN7468731 **anti-Phosducin antibody**

Overview

Quantity:	100 µL
Target:	Phosducin (PDC)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosducin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Phosducin / PDC. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Phosducin (PDC)
Alternative Name:	phosducin (PDC Products)
Background:	Synonyms: phosducin , MEKA , PHD , PhLOP , PhLP 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

Target Details

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. [provided by RefSeq, Jul 2008]

Molecular Weight: 28 kDa

Gene ID: 5132

UniProt: [P20941](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: mouse eye

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.06 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.