

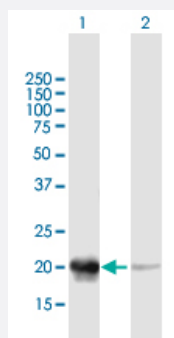
MaxPab®

## PDC purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005132-B01P

Size 50 ug

### Applications



#### Western Blot (Transfected lysate)

Western Blot analysis of PDC expression in transfected 293T cell line ([H00005132-T01](#)) by PDC MaxPab polyclonal antibody.

Lane 1: PDC transfected lysate(21.34 KDa).

Lane 2: Non-transfected lysate.

### Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PDC protein.
Immunogen	PDC (AAI53183.1, 1 a.a. ~ 194 a.a) full-length human protein.
Sequence	MSSPQSRNGKDSKERVSRKMSIQEYELIHKEKEDENCLRKYRRQCMQDMHQKLSFGPRYGFVY ELETGKQFLETIEKELKITTIVVHIYEDGIKGCDALNSSLTCLAAEYPMVKFKIKASNTGAGDRFSLD VLPTLLYKGGELISNFISVAEQFAEEFFAGDVESFLNEYGLLPEREVHVLEHTKIEEEDVE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PDC expression in transfected 293T cell line ([H00005132-T01](#)) by PDC MaxPab polyclonal antibody.

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[Protocol Download](#)

## Gene Info — PDC

Entrez GeneID [5132](#)

GeneBank Accession# [BC153182.1](#)

Protein Accession# [AA153183.1](#)

Gene Name PDC

Gene Alias MEKA, PHD, PhLOP, PhLP

Gene Description phosducin

Omim ID [171490](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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 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]

**Other Designations** 33kDA phototransducing protein|G beta gamma binding protein|phosducin-like orphan protein

## Pathway

- [Olfactory transduction](#)

## Disease

- [Retinitis Pigmentosa](#)