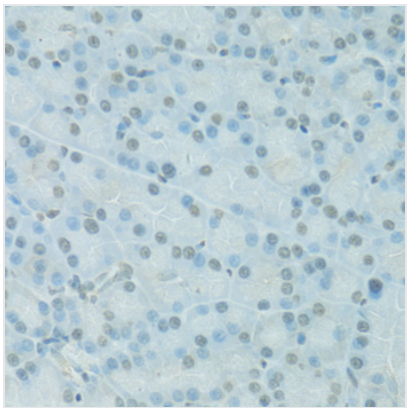
PDC Antibody – Rabbit Polyclonal

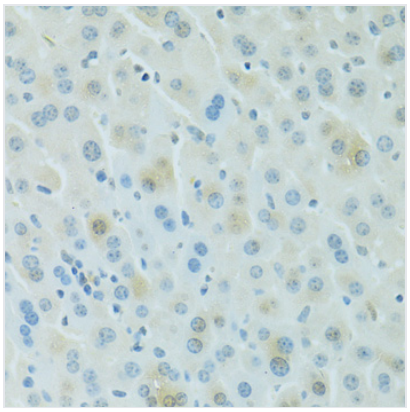
PRODUCT OVERVIEW

Product Name	PDC, Polyclonal Antibody
Full Product Name	PDC Polyclonal Antibody
Product Gene Name	anti-PDC antibody
Product Synonym Names	MEKA; PHD; PhLOP; PhLP
Immunogen Sequence	MEEAKSQSLE EDFEGQATHT GPKGVINDWR KFKLESQDSD SIPPSKKEIL RQMSSPQSRN GKDSKERVSR KMSIQEYELI HKEKEDENCL RKYRRQCMQD MHQKLSFGPR YGFVYELETG KQFLETIEKE LKITTIVVHI YEDGIKGCDA LNSSLTCLAA EYPIVKFCKI KASNTGAGDR FSLDVLPTLL IYKGGELISN FISVAEQFAE EFFAGDVESF LNEYGLLPER EVHVLEHTKI EEEDVE
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	22kDa/28kDa/32kDa
OMIM	M33478 mRNA
3D Structure	ModBase 3D Structure for P20941
Immunogen	Recombinant protein of human PDC
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cell projection, Cytoplasm, Nucleus, Nucleus, Photoreceptor inner segment, cilium, cytosol, photoreceptor outer segment
Product Categories/Family for anti-PDC antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PDC antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-PDC antibody	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
Related Product Information for anti-PDC antibody	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.
Other Notes	Small volumes of anti-PDC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for PDC purchase	MBS9134652 is an antibody targeting PDC. Also known as PDC Polyclonal Antibody. Reactive in Mouse, Rat. Host: Rabbit.



Immunohistochemistry (IHC) of anti-PDC antibody
Immunohistochemistry of paraffin-embedded rat pancreas using PDC antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (IHC) of anti-PDC antibody
Immunohistochemistry of paraffin-embedded mouse liver using PDC antibody at dilution of 1:100 (40x lens).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PDC. It may not necessarily be applicable to this product.

NCBI GI #	32967591
NCBI GeneID	5132
NCBI Accession #	NP_002588.3
UniProt Primary Accession #	P20941
UniProt Secondary Accession #	Q14816; Q9UP22; Q9UP23
UniProt Related Accession #	P20941
GenBank Nucleotide #	NM_002597.4
NCBI Official Full Name	phosducin isoform a
NCBI Official Synonym Full Names	phosducin
NCBI Official Symbol	PDC
NCBI Official Synonym Symbols	PHD; MEKA; PhLP; PhLOP
UniProt Protein Name	Phosducin
UniProt Synonym Protein Names	33 kDa phototransducing protein; Protein MEKA
Protein Family	Phosducin
UniProt Gene Name	PDC
UniProt Synonym Gene Names	PHD
NCBI Protein Information	phosducin
UniProt Comments for PDC	May participate in the regulation of visual phototransduction or in the integration of photoreceptor metabolism. Inhibits the transcriptional activation activity of the cone-rod homeobox CRX.
Research Articles on PDC	**1.** Phosducin regulates secretory activity in TT line of thyroid parafollicular C cells.

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