

MYOC rabbit pAb

Cat No.:ES10926

For research use only

Overview

Product Name	MYOC rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	MYOC Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃ . Avoid repeated freeze-thaw cycles.
Protein Name	Myocilin (Trabecular meshwork-induced glucocorticoid response protein)
Gene Name	MYOC GLC1A TIGR
Cellular localization	Secreted . Golgi apparatus . Cytoplasmic vesicle . Secreted, extracellular space. Secreted, extracellular space, extracellular matrix . Secreted, extracellular exosome . Mitochondrion . Mitochondrion intermembrane space . Mitochondrion inner membrane . Mitochondrion outer membrane . Rough endoplasmic reticulum . Cell projection. Cell projection, cilium . Located preferentially in the ciliary rootlet and basal body of the connecting cilium of photoreceptor cells, and in the rough endoplasmic reticulum (PubMed:9169133). It is only imported to mitochondria in the trabecular meshwork (PubMed:17516541). Localizes to the Golgi apparatus in Schlemm's canal endothelial cells (PubMed:11053284). Appears in the extracellular space of trabecular meshwork cells by an unconventional mechanism, likely as
Purification	The antibody was affinity-purified from rabbit



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



Clonality

Concentration

Observed band

Human Gene ID

Human Swiss-Prot Number

Alternative Names

Background

antiserum by affinity-chromatography using epitope-specific immunogen.

Polyclonal

1 mg/ml

55kD

4653

Q99972

MYOC encodes the protein myocilin, which is believed to have a role in cytoskeletal function. MYOC is expressed in many ocular tissues, including the trabecular meshwork, and was revealed to be the trabecular meshwork glucocorticoid-inducible response protein (TIGR). The trabecular meshwork is a specialized eye tissue essential in regulating intraocular pressure, and mutations in MYOC have been identified as the cause of hereditary juvenile-onset open-angle glaucoma. [provided by RefSeq, Jul 2008],

