

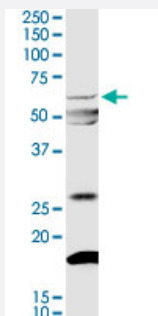
MaxPab®

MYOC purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004653-D01P

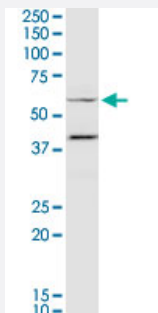
Size 100 ug

Applications



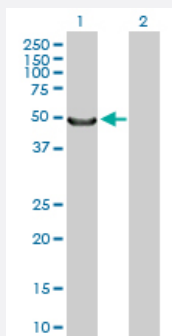
Western Blot (Tissue lysate)

MYOC MaxPab rabbit polyclonal antibody. Western Blot analysis of MYOC expression in rat brain.



Western Blot (Tissue lysate)

MYOC MaxPab rabbit polyclonal antibody. Western Blot analysis of MYOC expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of MYOC expression in transfected 293T cell line ([H00004653-T02](#)) by MYOC MaxPab polyclonal antibody.

Lane 1: MYOC transfected lysate(57.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MYOC protein.

Immunogen	MYOC (NP_000252.1, 1 a.a. ~ 504 a.a) full-length human protein.
Sequence	MRFFCARCCSFGPEMPAVQLLLLACLVWDVGARTAQLRKANDQSGRCQYTFSVASPNNESSCP EQSQAMSVIHNLQRDSSTQRLDLEATKARLSSLESLLHQLTLDQAARPQETQEGQLQRELGTLRRE RDQLETQTRELETAYSNLLRDKSVLEEEKKRLRQENENLARRLESSSQEVARLRRGQCPQTRDT ARAVPPGSREVSTWNLDTLAFQELKSELTEVPASRILKESPSGYLRSGEGDTGCGELVWVGEPL TLRTAETITGKYGVWMRDPKPTYPTQETTWRIDTVGTDVRQVFEYDLISQFMQGYPSKVHILPRPL ESTGAVVYSGSLYFQGAESRTVIRYELNTETVKAEKEIPGAGYHGQFPYSWGGYTDIDLAVDEAGL WVIYSTDEAKGAVLSKLNPENLELEQTWETNIRKQSVANAFICGTLTYVSSYTSADATVNFAYDTG TGISKTLTIPFKNRYKYSSMIDYNPLEKKLFAWDNLNMVTYDIKLSKM
Host	Rabbit
Reactivity	Human, Rat
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 (Tissue lysate)

MYOC MaxPab rabbit polyclonal antibody. Western Blot analysis of MYOC expression in rat brain.

[Protocol Download](#)

- Western Blot (Tissue lysate)

MYOC MaxPab rabbit polyclonal antibody. Western Blot analysis of MYOC expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MYOC expression in transfected 293T cell line ([H00004653-T02](#)) by MYOC MaxPab polyclonal antibody.

Lane 1: MYOC transfected lysate(57.00 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — MYOC

Entrez GeneID

[4653](#)

GeneBank Accession#	NM_000261.1
Protein Accession#	NP_000252.1
Gene Name	MYOC
Gene Alias	GLC1A, GPOA, JOAG, JOAG1, TIGR, myocilin
Gene Description	myocilin, trabecular meshwork inducible glucocorticoid response
Omim ID	137750 601652
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000032681 mutated trabecular meshwork-induced glucocorticoid response protein myocilin

Disease

- [Exfoliation Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Hypertension](#)
- [Myopia](#)
- [Ocular Hypertension](#)
- [Parkinson disease](#)
- [Retinal Diseases](#)