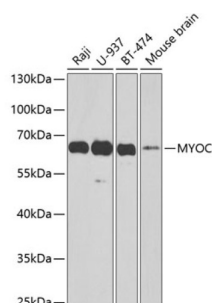


Myocilin (MYOC) Antibody

Catalogue No.: abx001338



Western blot analysis of extracts of various cell lines using MYOC Antibody (1/1000 dilution).

MYOC Antibody is a Rabbit Polyclonal antibody against MYOC. Myocilin (MYOC), also known as TIGR or GLC1A, is a secreted glycoprotein of the olfactomedin family, originally identified in trabecular meshwork cells after prolonged treatment with glucocorticoids, and, independently, in the retina (PMID: 9176893; 9169133). It may participate in the obstruction of fluid outflow in the trabecular meshwork. Defects in MYOC are the cause of primary open angle glaucoma (POAG) (PMID: 21709622). MYOC has a molecular weight of 55-57 kDa, besides, a 66-kDa form, which could be a result of post-translational modifications, has also been reported in some researches (PMID: 9497363; 12150989).

Target: Myocilin (MYOC)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human MYOC

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q99972 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 3.0.0
Revision date: 05 Jun 2025



Gene Symbol: MYOC

GeneID: [4653](#)

OMIM: [137750](#)

NCBI Accession: NP_000252.1

HGNC: 7610

KEGG: hsa:4653

Ensembl: ENSG00000034971

String: [9606.ENSP00000037502](#)

Molecular Weight: Calculated MW: 56 kDa
Observed MW: 65 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.