

AP08544PU-N**Polyclonal Antibody to Myocilin (69-85) - Purified****Alternate names:**

GLC1A, MYOC, TIGR, Trabecular meshwork-induced glucocorticoid response protein

Quantity:

50 µg

Concentration:

1 mg/ml

Background:

The human clone encoding for Myocilin protein of molecular weight of 55 kDa has been isolated and characterized. Myocilin, which resembles Myosin, is expressed preferentially in the ciliary rootlets and the basal body of the connecting cilium of the photoreceptor cells. The deduced amino acid sequence of the human myocilin showed significant homologies with non-muscle myosin of dictyostilium discoideum in the N-terminal region and also with olfactomedin of bullfrog in the C-terminal region. Myocilin has a leucine zipper like motif that interacts with other cytoskeletal proteins.

Uniprot ID:[Q99972](#)**NCBI:**[NP_000252.1](#)**GeneID:**[4653](#)**Host / Isotype:**

Rabbit / IgG

Immunogen:

KLH conjugated synthetic peptide comprising amino acids 69-85 of the Human Myocilin

AA Sequence:

SVIHNLQRDSSTQRLDL

Remarks: Percent identity by BLAST analysis: Human, Gibbon, Marmoset (100%); Monkey (94%)**Format:****State:** Liquid purified Ig fraction**Purification:** Protein G Chromatography**Buffer System:** PBS containing 0.09% Sodium Azide as preservative**Applications:****ELISA:** 1/1000.**Immunohistochemistry on Paraffin Sections:** 5 µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody recognizes Myocilin at aa 60-85.

Species Reactivity:**Tested:** Human, Gibbon, Marmoset, Monkey**Storage:**

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Formalin-Fixed Paraffin-Embedded
Human Eye, retina tissue using
AP08544PU-N at 5 µg/ml.

