

A1589

Leader in Biomolecular Solutions for Life Science



MYOC Rabbit pAb

Catalog No.: A1589

1 Publications

Basic Information

Observed MW

65kDa

Calculated MW

57kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4653

Swiss Prot

Q99972

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 245-504 of human MYOC (NP_000252.1).

Synonyms

GPOA; JOAG; TIGR; GLC1A; JOAG1; MYOC

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

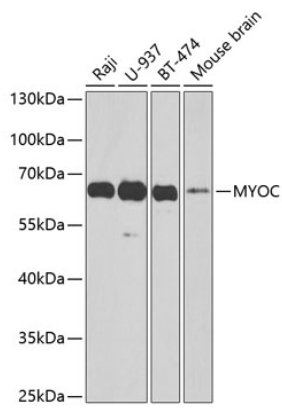
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of extracts of various cell lines, using MYOC antibody (A1589) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.