

## MYOC

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**57kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human MYOC

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

GPOA; JOAG; TIGR; GLC1A; JOAG1; myocilin;

**Background:**

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).

**To place an order, please [Click HERE](#).**

**Catalog #:**A1589

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4653

**Isotype:**IgG

**Swiss Prot:**Q99972

**Purity:**Affinity purification

For research use only.