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## Datasheet for ABIN6389817 **anti-MYOC antibody**

### Overview

Quantity:	100 µL
Target:	MYOC
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYOC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	Unconjugated Rabbit polyclonal to MYOC
Isotype:	IgG
Specificity:	MYOC Polyclonal Antibody detects endogenous levels of protein.
Purification:	MYOC antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Target Details

Target:	MYOC
Alternative Name:	MYOC ( <a href="#">MYOC Products</a> )
Molecular Weight:	55 kDa
Gene ID:	4653

## Target Details

UniProt: [Q99972](#)

## Application Details

Application Notes: WB 1:500-2000 ELISA 1:5000-20000

Comment: Detected in aqueous humor . Detected in the eye (at protein level) . Widely expressed. Highly expressed in various types of muscle, ciliary body, papillary sphincter, skeletal muscle, heart, and bone marrow-derived mesenchymal stem cells. Expressed predominantly in the retina. In normal eyes, found in the inner uveal meshwork region and the anterior portion of the meshwork. In contrast, in many glaucomatous eyes, it is found in more regions of the meshwork and seems to be expressed at higher levels than in normal eyes, regardless of the type or clinical severity of glaucoma. The myocilin 35 kDa fragment is detected in aqueous humor and to a lesser extent in iris and ciliary body.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid form in PBS containing 50 % glycerol, and 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.