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Datasheet for ABIN7160499

**anti-MYOC antibody (AA 183-294) (HRP)**

## Overview

Quantity:	100 µg
Target:	MYOC
Binding Specificity:	AA 183-294
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYOC antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Myocilin protein (183-294AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	MYOC
Alternative Name:	MYOC ( <a href="#">MYOC Products</a> )
Background:	Background: Secreted glycoprotein regulating the activation of different signaling pathways in adjacent cells to control different processes including cell adhesion, cell-matrix adhesion,

## Target Details

cytoskeleton organization and cell migration. Promotes substrate adhesion, spreading and formation of focal contacts. Negatively regulates cell-matrix adhesion and stress fiber assembly through Rho protein signal transduction. Modulates the organization of actin cytoskeleton by stimulating the formation of stress fibers through interactions with components of Wnt signaling pathways. Promotes cell migration through activation of PTK2 and the downstream phosphatidylinositol 3-kinase signaling. Plays a role in bone formation and promotes osteoblast differentiation in a dose-dependent manner through mitogen-activated protein kinase signaling. Mediates myelination in the peripheral nervous system through ERBB2/ERBB3 signaling. Plays a role as a regulator of muscle hypertrophy through the components of dystrophin-associated protein complex. Involved in positive regulation of mitochondrial depolarization. Plays a role in neurite outgrowth. May participate in the obstruction of fluid outflow in the trabecular meshwork.

Aliases: GLC1A antibody, GPOA antibody, JOAG antibody, JOAG1 antibody, Mutated trabecular meshwork-induced glucocorticoid response protein antibody, MYOC antibody, MYOC\_HUMAN antibody, Myocilin antibody, Myocilin, trabecular meshwork inducible glucocorticoid antibody, TIGR antibody, Trabecular meshwork induced glucocorticoid response protein antibody, Trabecular meshwork-induced glucocorticoid response protein antibody

UniProt: [Q99972](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.