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Datasheet for ABIN2774268  
**anti-MYOC antibody (N-Term)**

1 Image

### Overview

Quantity:	100 µL
Target:	MYOC
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYOC antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of human MYOC
Sequence:	QLTLDQAARP QETQEGLQRE LGTLRRERDQ LETQTRELET AYSNLLRDKS
Predicted Reactivity:	Guinea Pig: 86%, Human: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against MYOC. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	MYOC
Alternative Name:	MYOC ( <a href="#">MYOC Products</a> )
Background:	MYOC encodes the protein myocilin, which is believed to have a role in cytoskeletal function.

## Target Details

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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.

Alias Symbols: GPOA, JOAG, TIGR, GLC1A, JOAG1, myocilin

Protein Size: 344

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Molecular Weight: 37 kDa

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Gene ID: 4653

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NCBI Accession: [NM\\_000261](#), [NP\\_000252](#)

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UniProt: [Q99972](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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

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Handling Advice: Avoid repeat freeze-thaw cycles.

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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

Image 1.