

bs-19176R

[Primary Antibody]

Myocilin Rabbit pAb

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) Reactivity: (predicted: Human, Mouse, Rat, Rabbit) Predicted MW.: 53 kDa Subcellular Location: Secreted
Clonality: Polyclonal		
GeneID: 4653	SWISS: Q99972	
Target: Myocilin		
Immunogen: KLH conjugated synthetic peptide derived from human Myocilin: 101-200/504.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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. [provided by RefSeq, Jul 2008]		

— SELECTED CITATIONS —

- **[IF=2.3]** Xiaochen Wang. et al. Activation of Sonic Hedgehog Signaling Pathway Regulates Human Trabecular Meshwork Cell Function. J OCUL PHARMACOL TH. 2023 Jun 12 IF ;Human. 37307020