OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA371010S

Myocilin (MYOC) Rabbit Polyclonal Antibody

Product data:

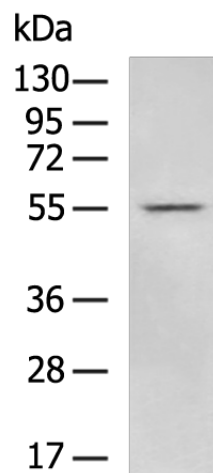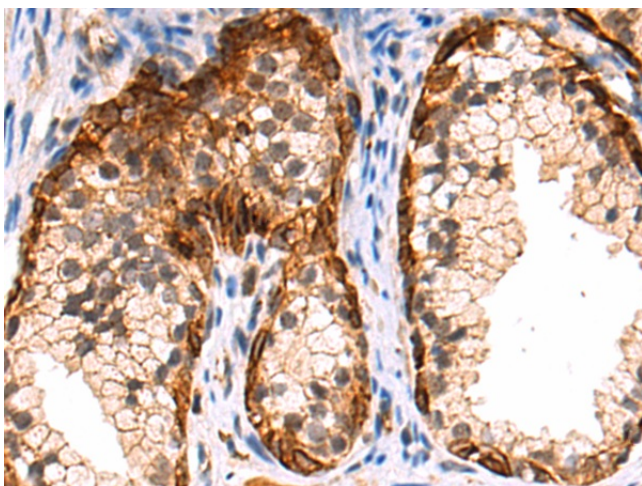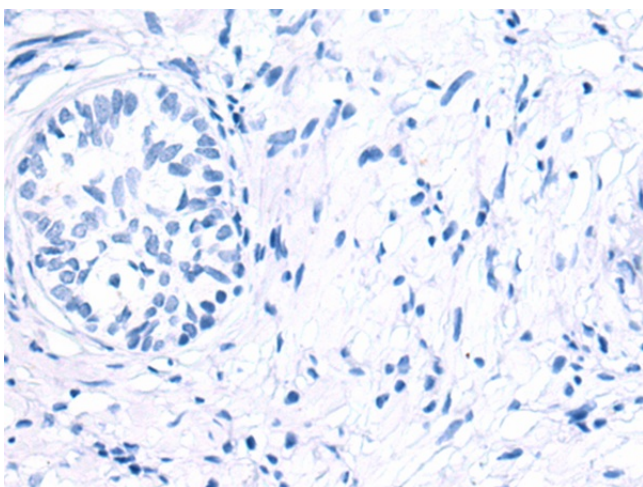|	
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela cell lysate IHC: 50-200 Positive control: Human prostate cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MYOC
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	57 kDa
Gene Name:	myocilin
Database Link:	Entrez Gene 4653 Human Q99972
Background:	MYOC encodes the protein myocilin, which is believed to have a role in cytoskeletal function. MYOC is expressed in many occular 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.
Synonyms:	GLC1A; GPOA; JOAG; JOAG1; myocilin; TIGR

View online »

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 μg
Lane: Hela cell lysate
Primary antibody: [TA371010] (MYOC Antibody) at dilution 1/600
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 15 seconds

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA371010] (MYOC Antibody) at dilution 1/85 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA371010] (MYOC Antibody) at dilution 1/85, treated with fusion protein. (Original magnification: ×200)