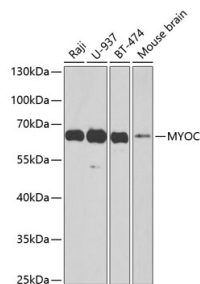


Cat. No:	AB-J1705
Conjugate:	Unconjugated
Size:	100ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 245-504 of human MYOC.
Reactivity:	Human, Mouse
Applications:	Western Blot: 1:500 - 1:2000
Molecular Weight:	65kDa
Purification:	Affinity purification
Synonyms:	GPOA; JOAG; TIGR; GLC1A; JOAG1; MYOC
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.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cell lines, using MYOC antibody at 1:1000

dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL West Pico Plus.

Exposure time: 60s.

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