

Product datasheet for **TA809860S**

FYCO1 Mouse Monoclonal Antibody [Clone ID: OTI8G7]

Product data:

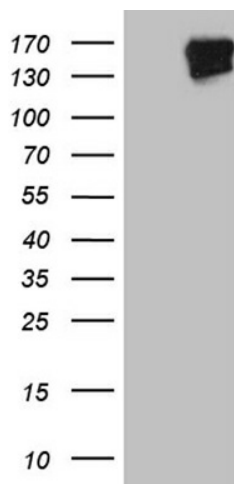
Product Type:	Primary Antibodies
Clone Name:	OTI8G7
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1102-1187 of human FYCO1(NP_078789) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	166.8 kDa
Gene Name:	FYVE and coiled-coil domain containing 1
Database Link:	NP_078789 Entrez Gene 79443 Human Q9BQS8
Background:	This gene encodes a protein that contains a RUN domain, FYVE-type zinc finger domain and Golgi dynamics (GOLD) domain. The encoded protein plays a role in microtubule plus end-directed transport of autophagic vesicles through interactions with the small GTPase Rab7, phosphatidylinositol-3-phosphate (PI3P) and the autophagosome marker LC3. Mutations in this gene are a cause of autosomal recessive congenital cataract-2 (CATC2). [provided by RefSeq, Dec 2011]



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Synonyms: CATC2; CTRCT18; RUFY3; ZFYVE7

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FYCO1 (Cat# [RC215323], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FYCO1 (Cat# [TA809860])(1:2000). Positive lysates [LY411258] (100ug) and [LC411258] (20ug) can be purchased separately from OriGene.