



FYCO1 rabbit pAb

Cat No.:ES9665

For research use only

Overview

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|---------------------------------|--|
| Product Name | FYCO1 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | WB 1:500-2000 ELISA 1:5000-20000 |
| Immunogen | Synthesized peptide derived from part region of human protein |
| Specificity | FYCO1 Polyclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | FYVE and coiled-coil domain-containing protein 1 (Zinc finger FYVE domain-containing protein 7) |
| Gene Name | FYCO1 ZFYVE7 |
| Cellular localization | Cytoplasmic vesicle, autophagosome. Endosome. Lysosome. Localizes to the external but not to the internal membrane of autophagosomes, and upon autophagosome/late endosome/lysosome fusion, it stays on the external surface of autolysosomes. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 162kD |
| Human Gene ID | 79443 |
| Human Swiss-Prot Number | Q9BQS8 |
| Alternative Names | |
| Background | FYVE and coiled-coil domain containing 1(FYCO1) Homo sapiens This gene encodes a protein that contains a RUN domain, FYVE-type zinc finger domain and Golgi dynamics (GOLD) domain. The |





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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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