

## Rabbit anti-Human FYCO1 Polyclonal Antibody | anti-FYCO1 antibody

FYCO1 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                |
|-----------|--------|------------|-----------------------------|
| AAA176704 | Rabbit | Human      | ELISA, Immunohistochemistry |

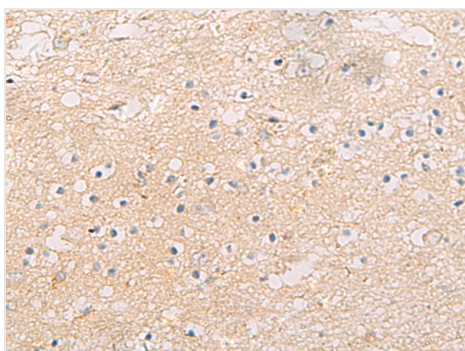
### PRODUCT SYNONYMS

FYCO1; Polyclonal Antibody; FYCO1 Polyclonal Antibody; CATC2; CTRCT18; DKFZp779K1152; FLJ13335; FYVE and coiled coil domain containing 1; FYVE and coiled coil domain containing protein 1; FYVE and coiled-coil domain-containing protein 1; MGC126517; MGC126519; RUFY3; RUN and FYVE domain containing 3; ZFYVE7; Zinc finger FYVE domain containing protein 7; Zinc finger FYVE domain-containing protein 7; anti-FYCO1 antibody

### PRODUCT SPECIFICATIONS

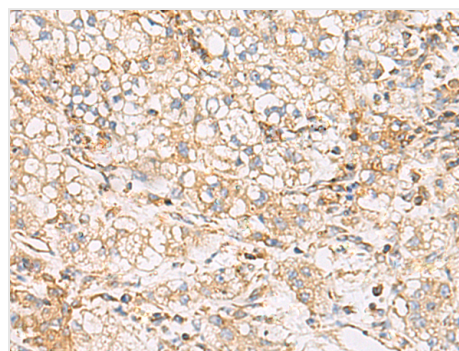
|                                                 |                                                         |
|-------------------------------------------------|---------------------------------------------------------|
| Host                                            | Rabbit                                                  |
| Reactivity                                      | Human                                                   |
| Clonality                                       | Polyclonal                                              |
| Isotype                                         | IgG                                                     |
| Purity/Purification                             | Antigen Affinity Purification                           |
| Form/Format                                     | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                   | 1.08mg/mL (varies by lot)                               |
| Sequence Length                                 | 1478                                                    |
| Applicable Applications for anti-FYCO1 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                       | Fusion protein of human FYCO1                           |
| Conjugation                                     | Unconjugated                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using FYCO1 Polyclonal Antibody at dilution of 1:60(×200)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using FYCO1 Polyclonal Antibody at dilution of 1:60(×200)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FYCO1 antibody | 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). |
| Product Categories/Family for anti-FYCO1 antibody   | Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 157738667                                        |
| NCBI GeneID                      | 90204                                            |
| NCBI Accession #                 | NP_078789.2; BC007218                            |
| NCBI GenBank Nucleotide #        | NP_078789.2                                      |
| UniProt Accession #              | Q9BQS8; Q9BR11                                   |
| NCBI Official Full Name          | FYVE and coiled-coil domain-containing protein 1 |
| NCBI Official Synonym Full Names | zinc finger SWIM-type containing 1               |
| NCBI Official Symbol             | ZSWIM1                                           |
| NCBI Official Synonym Symbols    | C20orf162                                        |
| NCBI Protein Information         | zinc finger SWIM domain-containing protein 1     |
| UniProt Protein Name             | FYVE and coiled-coil domain-containing protein 1 |
| UniProt Gene Name                | FYCO1                                            |
| UniProt Synonym Gene Names       | ZFYVE7                                           |
| UniProt Entry Name               | FYCO1_HUMAN                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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