

Datasheet for ABIN2790358
anti-FYC01 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	FYC01
Binding Specificity:	N-Term
Reactivity:	Human, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FYC01 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human FYC01
Sequence:	PLAQELEATR DSLDKKNQHL ASFPGWLAMA QKADTASDT KGRQEIPSD
Predicted Reactivity:	Horse: 86%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against FYC01. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	FYC01
Alternative Name:	FYC01 (FYC01 Products)
Background:	This gene encodes a protein that contains a RUN domain, FYVE-type zinc finger domain and

Target Details

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).

Alias Symbols: DKFZp779K1152, FLJ13335, MGC126517, MGC126519, RUFY3, ZFYVE7

Protein Interaction Partner: RAF1, UBC, PRMT6, KDM1A, MAP1LC3A, IQCB1, APP, MAP1LC3B, SEC24B, KIF23, TMPO, RPA3, RPA2, RPA1, MAP4, LMNA, KIF5B, EMD, FOXK1, CCAR1, CCZ1, C18orf8, MON1B, SEC23B,

Protein Size: 1478

Molecular Weight: 167 kDa

Gene ID: 79443

NCBI Accession: [NM_024513](#), [NP_078789](#)

UniProt: [Q9BQS8](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 1478 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

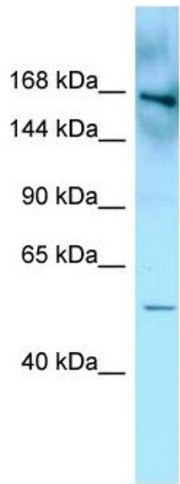
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-FYCO1 Antibody Titration: 1.0 ug/ml Positive Control: MDA-MB-435S Whole Cell