

For Research Use Only

# FYCO1 Polyclonal antibody

Catalog Number: 25730-1-AP

Featured Product

1 Publications



## Basic Information

Catalog Number:

25730-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22803

GenBank Accession Number:

BC007218

GeneID (NCBI):

79443

UNIPROT ID:

Q9BQS8

Full Name:

FYVE and coiled-coil domain containing 1

Calculated MW:

1478 aa, 167 kDa

Observed MW:

167-180 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Positive Controls:

WB : HEK-293T cells, HeLa cells, LNCaP cells

## Background Information

FYCO1 is a Rab7 adapter protein that is implicated in the microtubule transport of autophagosomes. The encoded protein contains a RUN domain, a 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), the autophagosome marker LC3, and the kinesin KIF5.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wenchang Xiao	33859171	Signal Transduct Target Ther	IF, WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

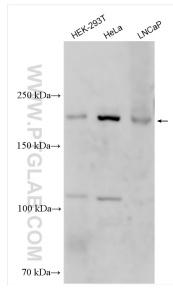
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

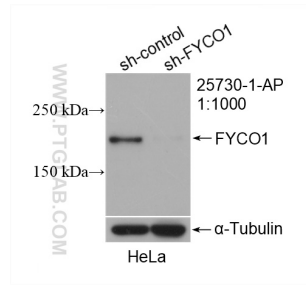
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25730-1-AP (FYCO1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of FYCO1 antibody (25730-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FYCO1 transfected HeLa cells.