

For Research Use Only

FYCO1 Polyclonal antibody

Catalog Number: 25730-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 25730-1-AP	GenBank Accession Number: BC007218	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79443	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: FYVE and coiled-coil domain containing 1	
Isotype: IgG	Calculated MW: 1478 aa, 167 kDa	
Immunogen Catalog Number: AG22803	Observed MW: 167-180 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293T cells, HeLa cells, LNCaP cells
Cited Applications: IF, WB	
Species Specificity: human	

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

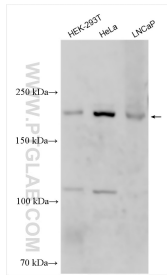
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

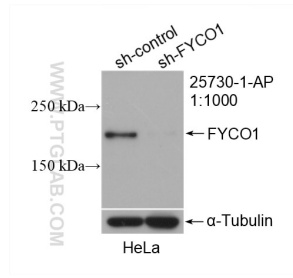
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.