



WIPI2 (phospho-Ser413) rabbit pAb

Cat No.:ES12296

For research use only

Overview

Product Name	WIPI2 (phospho-Ser413) rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000
Immunogen	Synthesized phospho peptide around human WIPI2 (Ser413)
Specificity	This antibody detects endogenous levels of Human Mouse Rat WIPI2 (phospho-Ser413)
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	WIPI2 (Ser413)
Gene Name	WIPI2 CGI-50
Cellular localization	Preautophagosomal structure membrane ; Peripheral membrane protein ; Cytoplasmic side . Localizes to omegasomes membranes which are endoplasmic reticulum connected structures at the origin of preautophagosomal structures. Enriched at preautophagosomal structure membranes in response to PtdIns3P. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	49kD
Human Gene ID	26100
Human Swiss-Prot Number	Q9Y4P8
Alternative Names	WD repeat domain phosphoinositide-interacting protein 2 (WIPI-2) (WIPI49-like protein 2)
Background	WD repeat domain, phosphoinositide interacting 2(WIPI2) Homo sapiens WD40 repeat proteins





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are key components of many essential biologic functions. They regulate the assembly of multiprotein complexes by presenting a beta-propeller platform for simultaneous and reversible protein-protein interactions. Members of the WIPI subfamily of WD40 repeat proteins, such as WIPI2, have a 7-bladed propeller structure and contain a conserved motif for interaction with phospholipids (Proikas-Cezanne et al., 2004 [PubMed 15602573]).[supplied by OMIM, Mar 2008],



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C