



WIPI2 Rabbit rabbit pAb

Cat No.:ES20596

For research use only

Overview

Product Name	WIPI2 Rabbit rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	IHC-p 1:50-300
Immunogen	Recombinant Protein of WIPI2
Specificity	The antibody detects endogenous WIPI2 protein
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	WD repeat domain phosphoinositide-interacting protein 2 (WIPI-2) (WIPI49-like protein 2)
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 str
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 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],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

