



WIPI2 Rabbit rabbit pAb

Cat No.:ES20596

For research use only

Overview

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| 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 biological 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).

