

Rabbit anti-Human, Mouse WIPI2 Polyclonal Antibody | anti-WIPI2 antibody

Rabbit anti-WIPI2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213214	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

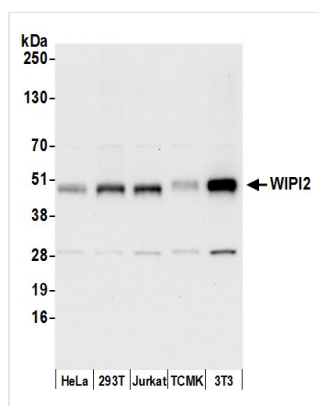
PRODUCT SYNONYMS

WIPI2; Polyclonal Antibody; Rabbit anti-WIPI2 Antibody; Affinity Purified; Atg21; WIPI49-like protein 2; WIPI-2; WD40 repeat protein interacting with phosphoinositides 2; CGI-50; ATG18B; WD repeat domain phosphoinositide-interacting protein 2; WD repeat domain; phosphoinositide interacting 2; anti-WIPI2 antibody

PRODUCT SPECIFICATIONS

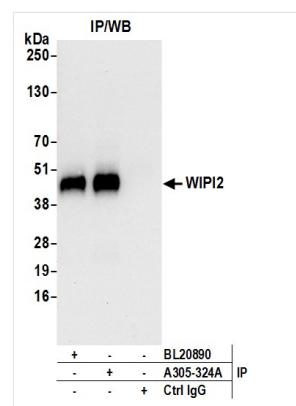
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-WIPI2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Chicken
Immunogen	Between 404 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse WIPI2 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-WIPI2 antibody AAA213214 (lot AAA213214-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human WIPI2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-WIPI2 antibody AAA213214 (lot AAA213214-1) used for IP at 6 ug per reaction. WIPI2 was also immunoprecipitated by rabbit anti-WIPI2 antibody BL20890. For blotting immunoprecipitated WIPI2, AAA213214 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-WIPI2 antibody	WD repeat domain phosphoinositide-interacting protein 2 (WIPI2) is an early component of the autophagy machinery being involved in formation of preautophagosomal structures and their maturation into mature phagosomes in response to phosphatidylinositol 3-phosphate (PtdIns3P).WIPI2 may bind PtdIns3P. [taken from www.uniprot.org/uniprot/Q9Y4P8].
Product Categories/Family for anti-WIPI2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	54111428
NCBI GeneID	26100
NCBI Accession #	NP_057087.2
NCBI GenBank Nucleotide #	NM_016003.3
UniProt Accession #	Q9Y4P8; Q5MNZ8; Q6FI96; Q75L50; Q96IE4; Q9Y364; B3KNC2
Molecular Weight	48,249 Da
NCBI Official Full Name	WD repeat domain phosphoinositide-interacting protein 2 isoform b
NCBI Official Synonym Full Names	WD repeat domain, phosphoinositide interacting 2
NCBI Official Symbol	WIPI2
NCBI Official Synonym Symbols	Atg21; ATG18B; CGI-50; WIPI-2
NCBI Protein Information	WD repeat domain phosphoinositide-interacting protein 2
UniProt Protein Name	WD repeat domain phosphoinositide-interacting protein 2
UniProt Gene Name	WIPI2
UniProt Synonym Gene Names	WIPI-2
UniProt Entry Name	WIPI2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wipi2-antibody-immunoprecipitation-western-blot-elisa/213214>