

Rabbit anti-Human, Mouse ATG13/KIAA0652 Polyclonal Antibody | anti-ATG13/KIAA0652 antibody

Rabbit anti-ATG13/KIAA0652 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213190	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

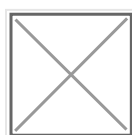
PRODUCT SYNONYMS

ATG13/KIAA0652; Polyclonal Antibody; Rabbit anti-ATG13/KIAA0652 Antibody; Affinity Purified; autophagy-related protein 13; KIAA0652; ATG13 autophagy related 13 homolog; PARATARG8; Autophagy-related protein 13; autophagy related 13; anti-ATG13/KIAA0652 antibody

PRODUCT SPECIFICATIONS

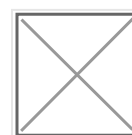
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ATG13/KIAA0652 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	X. tropicalis, Bovine, Orangutan, Chimpanzee
Immunogen	Between 467 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 ATG13 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ATG13 antibody AAA213190 (lot AAA213190-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human ATG13 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ATG13 antibody AAA213190 (lot AAA213190-1) used for IP at 6 ug per reaction. ATG13 was also immunoprecipitated by rabbit anti-ATG13 antibody BL20881. For blotting immunoprecipitated ATG13, AAA213190 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG13/KIAA0652 antibody	Autophagy-related protein 13 (ATG13) is an autophagy factor required for autophagosome formation and mitophagy. It is a target of the TOR kinase signaling pathway that regulates autophagy through the control of the phosphorylation status of ATG13 and ULK1, and the regulation of the ATG13-ULK1-RB1CC1 complex. Through its regulation of ULK1 activity, ATG13 plays a role in the regulation of the kinase activity of mTORC1 and cell proliferation [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O75143].
Product Categories/Family for anti-ATG13/KIAA0652 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	9776
UniProt Accession #	O75143
UniProt Protein Name	Autophagy-related protein 13
UniProt Gene Name	ATG13
UniProt Synonym Gene Names	KIAA0652
UniProt Entry Name	ATG13_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/atg13-kiaa0652-antibody-immunoprecipitation-western-blot-elisa/213190>