

Rabbit anti-Human ATG13 Polyclonal Antibody | anti-ATG13 antibody

ATG13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233236	Rabbit	Human	Immunohistochemistry, ELISA

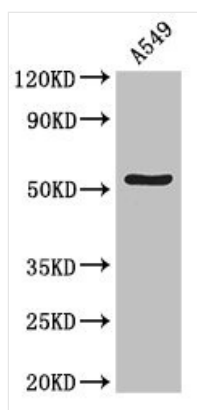
PRODUCT SYNONYMS

ATG13; Polyclonal Antibody; ATG13 Antibody; Autophagy-related protein 13; KIAA0652; anti-ATG13 antibody

PRODUCT SPECIFICATIONS

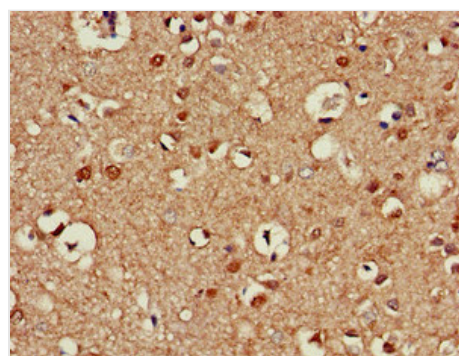
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	517
Applicable Applications for anti-ATG13 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Autophagy-related protein 13 protein (315-517AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



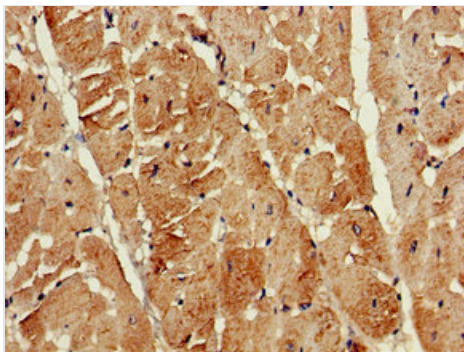
WB (Western Blot)

Western Blot Positive WB detected in: A549 whole cell lysate
 All lanes: ATG13 antibody at 4ug/ml
 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 57,53,45,61 KDa
 Observed band size: 57 KDa



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA233236 at dilution of 1:100



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded human heart tissue using AAA233236 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ATG13 antibody	Autophagy factor required for autophagosome formation and mitophagy. 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, plays a role in the regulation of the kinase activity of mTORC1 and cell proliferation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	218082953
NCBI GeneID	9776
NCBI Accession #	NP_001136145.1
NCBI GenBank Nucleotide #	NM_001142673.2
UniProt Accession #	O75143; Q53EN6; Q9BRL3; Q9H8B0; B4DFI4; D3DQQ1; D3DQQ2; E9PQZ8
Molecular Weight	60,155 Da
NCBI Official Full Name	autophagy-related protein 13 isoform c
NCBI Official Synonym Full Names	autophagy related 13
NCBI Official Symbol	ATG13
NCBI Official Synonym Symbols	KIAA0652; PARATARG8
NCBI Protein Information	autophagy-related protein 13
UniProt Protein Name	Autophagy-related protein 13
UniProt Gene Name	ATG13
UniProt Synonym Gene Names	KIAA0652

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/atg13-antibody-immunohistochemistry-elisa/233236>