

Rabbit ATG13 Polyclonal Antibody | anti-ATG13 antibody

ATG13 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284182	Rabbit	Human (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

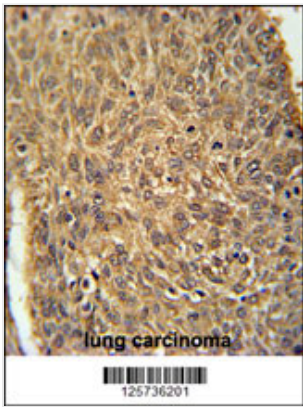
PRODUCT SYNONYMS

ATG13; Polyclonal Antibody; ATG13 Antibody (N-term); Autophagy-related protein 13; KIAA0652; anti-ATG13 antibody

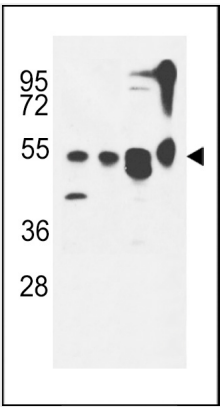
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ATG13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ATG13.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	517
Applicable Applications for anti-ATG13 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
ATG13 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ATG13 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ATG13 Antibody (N-term) western blot analysis in MDA-MB435,CEM,T47D cell line and mouse cerebellum tissue lysates (35ug/lane).This demonstrates the ATG13 antibody detected the ATG13 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATG13 antibody	Cancer; Metabolism; Microbiology; Autophagy
References	Hosokawa, N., et al. Autophagy 5(7):973-979(2009) Mercer, C.A., et al. Autophagy 5(5):649-662(2009) Ganley, I.G., et al. J. Biol. Chem. 284(18):12297-12305(2009) Jung, C.H., et al. Mol. Biol. Cell 20(7):1992-2003(2009) Hosokawa, N., et al. Mol. Biol. Cell 20(7):1981-1991(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	218082953
NCBI GeneID	9776
NCBI Accession #	NP_001136145.1; NP_001192048.1; NP_001192049.1; NP_001192050.1; NP_001192051.1; NP_055556.2
NCBI GenBank Nucleotide #	NM_001142673.2
UniProt Accession #	O75143; Q53EN6; Q9BRL3; Q9H8B0; B4DFI4; D3DQQ1; D3DQQ2; E9PQZ8
Molecular Weight	56572
NCBI Official Full Name	autophagy-related protein 13 isoform 1
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
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.

