

Rabbit anti-Human ATHL1 Polyclonal Antibody | anti-ATHL1 antibody

ATHL1 Antibody (C-term)

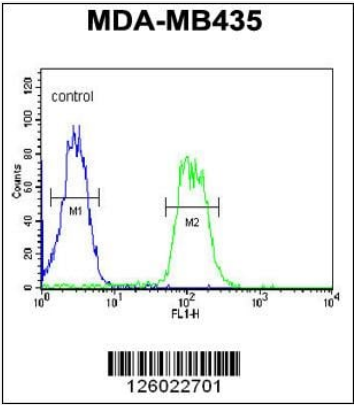
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287504	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

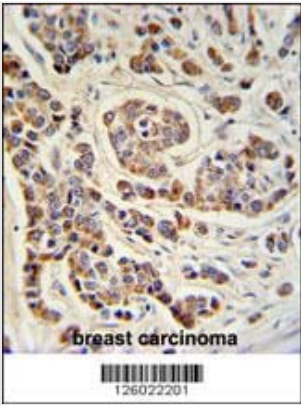
ATHL1; Polyclonal Antibody; ATHL1 Antibody (C-term); Acid trehalase-like protein 1; 321-; anti-ATHL1 antibody

PRODUCT SPECIFICATIONS

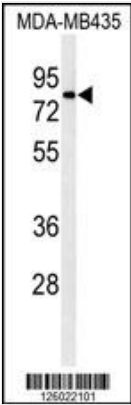
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ATHL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 688-716 amino acids from the C-terminal region of human ATHL1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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	688-716
Sequence Length	354
Applicable Applications for anti-ATHL1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
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.



FCM/FACS (Flow Cytometry)
ATHL1 Antibody (C-term) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
ATHL1 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ATHL1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ATHL1 Antibody (C-term) in MDA-MB435 cell line lysates (35ug/lane). ATHL1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATHL1 antibody	Cell Biology; Signal transduction
References	Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	187829418
NCBI GeneID	80162
NCBI Accession #	NP_079368.3
NCBI GenBank Nucleotide #	NM_025092.4
UniProt Accession #	Q32M88; Q658X8; Q8TEG9; Q9H635
Molecular Weight	80655
NCBI Official Full Name	acid trehalase-like protein 1
NCBI Official Synonym Full Names	ATH1, acid trehalase-like 1 (yeast)

NCBI Official Symbol	ATHL1
NCBI Protein Information	acid trehalase-like protein 1
UniProt Protein Name	Acid trehalase-like protein 1
UniProt Gene Name	ATHL1
UniProt Entry Name	ATHL1_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://www.aaabiotech.com/polyclonal/athl1-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/287504>