

Rabbit anti-Human Aminoacylase-1 Polyclonal Antibody | anti-ACY1 antibody

Aminoacylase-1 antibody

CATALOG # AAA302362	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Aminoacylase-1; Polyclonal Antibody; Aminoacylase-1 antibody; anti-ACY1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	408
Applicable Applications for anti-ACY1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 89 and 336 of Human ACY1
Target Name	Aminoacylase-1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using Aminoacylase-1 antibody at 1: 200 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: H1299 10% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-ACY1 antibody	Aminoacylase-1 is a cytosolic, homodimeric, zinc-binding enzyme that catalyzes the hydrolysis of acylated L-amino acids to L-amino acids and acyl group, and has been postulated to function in the catabolism and salvage of acylated amino acids. ACY1 has been assigned to chromosome 3p21.1, a region reduced to homozygosity in small-cell lung cancer (SCLC), and its expression has been reported to be reduced or undetectable in SCLC cell lines and tumors. The amino acid sequence of human aminoacylase-1 is highly homologous to the porcine counterpart, and ACY1 is the first member of a new family of zinc-binding enzymes. [provided by RefSeq]
Product Categories/Family for anti-ACY1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501901
NCBI GeneID	95
NCBI Accession #	NP_000657
NCBI GenBank Nucleotide #	NM_000666.2
Molecular Weight	42,195 Da
NCBI Official Full Name	aminoacylase-1 isoform a
NCBI Official Synonym Full Names	aminoacylase 1
NCBI Official Symbol	ACY1
NCBI Official Synonym Symbols	ACY-1; ACY1D; HEL-S-5
NCBI Protein Information	aminoacylase-1
UniProt Protein Name	Aminoacylase-1
UniProt Gene Name	ACY1
UniProt Synonym Gene Names	ACY-1
UniProt Entry Name	ACY1_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/aminoacylase-1-antibody-immunofluorescence-western-blot-elisa/302362>