

# Aminoacylase-1 antibody

Catalog No: #22151



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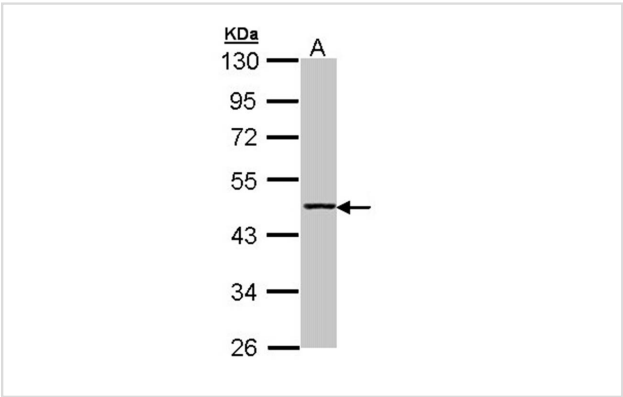
## Description

Product Name	Aminoacylase-1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
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
Accession No.	Swiss-Prot:Q03154Gene ID:95
Uniprot	Q03154
GeneID	95;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

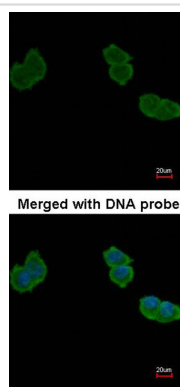
Predicted MW: 46kd  
Western blotting: 1:500-1:3000  
Immunofluorescence: 1:100-1:200

## Images



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

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



## Background

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]

Note: This product is for in vitro research use only