

DNAXPAb

Hard-to-Find
Antibody

ACY1 DNAXPab

Catalog # H00000095-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACY1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MTSKGPEEEHPSVTLFRQYLRI RTVQPKPDYGA AVAFFEETARQLGLGCQKVEVAPGYVTVLT WPGTNPTLSSILLNSHTDVVPVFKEHWSHDPFEAFKDSEGYIYARGAQDMKCVSIQYLEAVRRLK VEGHRFPRTIHM T FVPDEEVGGHQGMELFVQRPEFHALRAGFALDEGIANPTDAFTVFYSERSP WWWRV TSTGRPGHASRFMEDTAAEKLHKV VNSILAFREKEWQRLQSNPHLKEGSVTSVNLTKLE GGVAYNVIPATMSASFDFRVAPDVDFKAFEEQLQSWCQAAGEGV TLEFAQKWMHPQVTP TDD SNPWWAAFSRVCKDMNLTLEPEIMPAATDNRYIRAVGV PALGFSPMNRTPVLLHDHDERLHEAV FLRGVDIYTRLLPALASVPALPSDS
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (88)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ACY1

Entrez GeneID [95](#)

GeneBank Accession# [NM_000666.1](#)

Protein Accession# [NP_000657.1](#)

Gene Name ACY1

Gene Alias ACY1D, ACYLASE

Gene Description aminoacylase 1

Omim ID [104620 609924](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 3p 21.1, 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]

Other Designations -

Pathway

- [Arginine and proline metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Metabolic pathways](#)