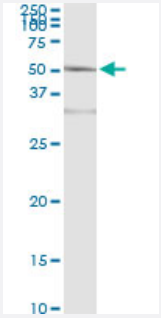
ACY1 (Human) IP-WB Antibody Pair

Catalog # H00000095-PW1 Size 1 Set

Applications



Immunoprecipitation of ACY1 transfected lysate using mouse monoclonal anti-ACY1 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-ACY1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ACY1 transfected lysate using mouse monoclonal anti-ACY1 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-ACY1.
Supplied Products	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-ACY1 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-ACY1 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

Protocol Download

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Gene Info — ACY1

Entrez GeneID	95
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 th e 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 sequ ence 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

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