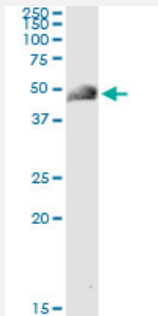


# ACY1 (Human) IP-WB Antibody Pair

Catalog # H00000095-PW2

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

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ACY1 transfected lysate using mouse monoclonal anti-ACY1 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with rabbit polyclonal anti-ACY1.
<b>Supplied Product</b>	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)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — ACY1

Entrez GeneID	<a href="#">95</a>
Gene Name	ACY1
Gene Alias	ACY1D, ACYLASE
Gene Description	aminoacylase 1
Omim ID	<a href="#">104620 609924</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)