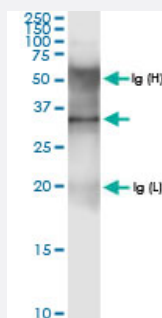


AMT (Human) IP-WB Antibody Pair

Catalog # H00000275-PW1

Size 1 Set

Applications



Immunoprecipitation of AMT transfected lysate using rabbit polyclonal anti-AMT and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-AMT.

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
Interspecies Antigen Sequence	Mouse (89%); Rat (90%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of AMT transfected lysate using rabbit polyclonal anti-AMT and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-AMT.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-AMT (300 ul) 2. Antibody pair for WB: rabbit polyclonal anti-AMT (50 ul)
Storage Instruction	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 — AMT

Entrez GeneID	275
Gene Name	AMT
Gene Alias	GCE, GCST, NKH
Gene Description	aminomethyltransferase
Omim ID	238310 605899
Gene Ontology	Hyperlink
Gene Summary	The enzyme system for cleavage of glycine (glycine cleavage system; EC 2.1.2.10), which is confined to the mitochondria, is composed of 4 protein components: P protein (a pyridoxal phosphate-dependent glycine decarboxylase; MIM 238300), H protein (a lipoic acid-containing protein; MIM 238330), T protein (a tetrahydrofolate-requiring enzyme), and L protein (a lipoamide dehydrogenase; MIM 238331). Glycine encephalopathy (GCE; MIM 605899) may be due to a defect in any one of these enzymes.[supplied by OMIM]
Other Designations	glycine cleavage system protein T

Pathway

- [Glycine](#)
- [Metabolic pathways](#)
- [Nitrogen metabolism](#)
- [One carbon pool by folate](#)

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperglycinemia](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Spinal Dysraphism](#)
- [Werner syndrome](#)