

DNAxPAb

Hard-to-Find
Antibody

AMT DNAxPab

Catalog # H00000275-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AMT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MESLVVGDI AELRPNQGTLSLFTNEAGGILDDLIVTNTSEGHLYVVSNAGCWEKDLALMQDKVRE LQNQGRDVGLEVL DNALLALQGPTAAQVLQAGVADDLRKLPFM TSAVMEVFGVSGCRVTRCGY TGEDGVEISVPVAGAVHLATAILKNPEVKLAGLAARDSLRLEAGLCLYGNDIDEHTTPVEGSLSWT LGKRRRAAMD FPGAKVIVPQLKGRVQRRRVGLMCEGAPMRAHSPILNMEGTKIGTVTSGCPSPS LKKNVAMGYVPCEYSRPGTM LLLVELPSGPCF
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (91)
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 — AMT

Entrez GeneID [275](#)

GeneBank Accession# [BC007546.1](#)

Protein Accession# [AAH07546.1](#)

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](#)