

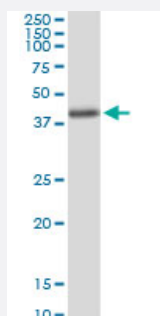
MaxPab®

AMT MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000275-D01

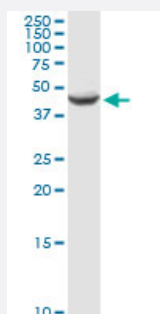
Size 100 uL

Applications



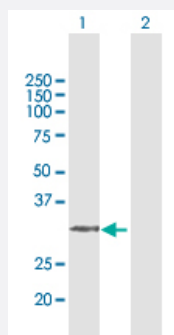
Western Blot (Tissue lysate)

AMT MaxPab rabbit polyclonal antibody. Western Blot analysis of AMT expression in human kidney.



Western Blot (Cell lysate)

AMT MaxPab rabbit polyclonal antibody. Western Blot analysis of AMT expression in K-562.

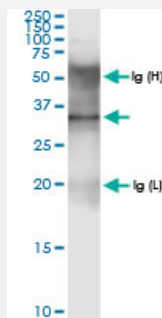


Western Blot (Transfected lysate)

Western Blot analysis of AMT expression in transfected 293T cell line ([H00000275-T01](#)) by AMT MaxPab polyclonal antibody.

Lane 1: AMT transfected lysate(31.90 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of AMT transfected lysate using anti-AMT MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with AMT MaxPab rabbit polyclonal antibody (D01) ([H00000275-D01](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AMT protein.
Immunogen	AMT (AAH07546.1, 1 a.a. ~ 289 a.a) full-length human protein.
Sequence	MESLVVGDIAELRPNQGTLSLFTNEAGGILDDLIVTNTSEGHLYVVSNAGCWEKDLALMQDKVRE LQNQGRDVGLEVLNALLALQGPTAAQVLQAGVADDLRKLPFMTSAVMEVFGVSGCRVTRCGY TGEDGVEISVPVAGAVHLATAILKNPEVKLAGLAARDSLRLEAGLCLYGNDIDEHTTPVEGSLSWT LGKRRRAAMDFFGAKVIVPQLKGRVQRRRVGLMCEGAPMRAHSPILNMEGTKIGTVTSGCPSPS LKKNVAMGYVPCEYSRPGTMMLLVLPSPGCF
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (91)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

AMT MaxPab rabbit polyclonal antibody. Western Blot analysis of AMT expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

AMT MaxPab rabbit polyclonal antibody. Western Blot analysis of AMT expression in K-562.

[Protocol Download](#)

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[Protocol Download](#)

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](#)