

Datasheet

AMT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00000275-D01P

Regulation Status: For research use only (RUO)

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:

MESLVVGDIAELRPNQGTLSLFTNEAGGILDDLIVTNTS
EGHLYVVSNAAGCWEKDLALMQDKVRELQNQGRDVGL
EVLNALLALQGPTAAQVLQAGVADDLRKLPFMSTAV
MEVFGVSGCRVTRCGYTGEDGVEISVPVAGAVHLATA
ILKNPEVKLAGLAARDSLRLEAGLCLYGNDIDEHTTPVE
GSLSWTLGKRRRAAMDFFGAKVIVPQLKGRVQRRRV
GLMCEGAPMRAHSPILNMEGTKIGTVTSGCPSPSLKK
NVAMGYVPCEYSRPGTMLLVELPSGPCF

Host: Rabbit

Reactivity: Human

Applications: WB-Ce, WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 275

Gene Symbol: AMT

Gene Alias: GCE, GCST, NKH

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]