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Datasheet

AMT MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00000275-D01

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
EGHLYVVSNAGCWEKDLALMQDKVRELQNQGRDVGL
EVLDNALLALQGPTAAQVLQAGVADDLRKLPFMTSAV
MEVFGVSGCRVTRCGYTGEDGVEISVPVAGAVHLATA
ILKNPEVKLAGLAARDSLRLEAGLCLYGNDIDEHTTPVE
GSLSWTLGKRRRAAMDFPGAKVIVPQLKGRVQRRRV
GLMCEGAPMRAHSPILNMEGTKIGTVTSGCPSPSLKK
NVAMGYVPCEYSRPGTMLLVELPSGPCF

Host: Rabbit

Reactivity: Human

Applications: IP, 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: No additive

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]