

MaxPab®

ADO purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00084890-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ADO protein.
Immunogen	ADO (ENSP00000362888, 1 a.a. ~ 228 a.a) full-length human protein.
Sequence	MQPGFPENLSKLKSLLTQLRAEDLNAPRKATLQPLPPNLPPVTYMHYETDGFSLGVFLLKSGTSLPLHDHPGMHGMMLKVLYGTVRISCMDKLDAGGGQRPRLPPEQQFEPPLQPREREAVRPGVLRSLRAEYTEASGPCILTPHRDNLHQIDAVEGPAAFLDILAPPYDPDDGRDCHYYRVLEPVRPKEASSSACDLPREVWLLETPQADDFWCEGEPYPGPKVFP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (85)
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](#)

Gene Info — ADO

Entrez GeneID [84890](#)

GeneBank Accession#	ENST00000373783
Protein Accession#	ENSP00000362888
Gene Name	ADO
Gene Alias	C10orf22, DKFZp564C046, FLJ14547
Gene Description	2-aminoethanethiol (cysteamine) dioxygenase
Omim ID	611392
Gene Ontology	Hyperlink
Gene Summary	Human thiol dioxygenases include cysteine dioxygenase (CDO; MIM 603943) and cysteamine (2-aminoethanethiol) dioxygenase (ADO; EC 1.13.11.19). CDO adds 2 oxygen atoms to free cysteine, whereas ADO adds 2 oxygen atoms to free cysteamine to form hypotaurine (Dominy et al., 2007 [PubMed 17581819]).[supplied by OMIM]
Other Designations	OTTHUMP00000062121 cysteamine (2-aminoethanethiol) dioxygenase (ADO) cysteamine dioxygenase

Pathway

- [Metabolic pathways](#)
- [Taurine and hypotaurine metabolism](#)