

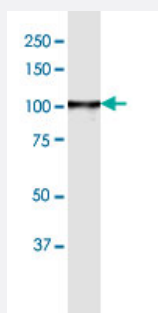
MaxPab®

AMPD2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000271-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of AMPD2 transfected lysate using anti-AMPD2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ([H00000271-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human AMPD2 protein.

Immunogen

AMPD2 (NP_631895.1, 1 a.a. ~ 798 a.a) full-length human protein.

Sequence

MASEARGGLGAPPLQSARSLPGPAPCLKHFPLDLRTSMDGKCKEIAEELFTRSLAESELRSAPY
EFPEESPIEQLEERRQRLERQISQDVKLEPDILLRAKQDFLKTDSDSLQLYKEQGEGQGDRSLR
ERDVLEREFQRVTISGEEKCGVPFTDLLDAKSVVRALFIREKYMALSLQSFCPTTRRYLQQLAEK
PLETRTYEQGPDTPVSADAPVHPPALEQHPYEHCEPSTMPGDLGLGLRMVIRGVVHVYTRREP
EHCSEVELPYPDQLQEFVADVNVLMALIINGPIKSFCYRRLQYLSSKFQMHVLLNEMKELAAQKKVP
HRDFYNIRKVDTHIHASSCMNQKHLLRFIKRAMKRHLEEVHVEQGREGTLREVFESEMNLTAYDLS
VDTLDVHADRNTHFRFDKFNAYNPIGESVLRIFIKTDNRVSGKYFAHIIKEVMSDLEESKYQNAE
LRLSIYGRSRDEWDKLARWAVMHRVHSPNVRWLQVQVRLFDVYRTKGQLANFQEMLENIFLPLF
EATVHPASHPELHLFLEHVDGFDSDVDESKPENHVFNLESPLPEAWVEEDNPPYAYLYYTFAN
MAMLNHLRRQRGFHTFVLRPHCGEAGPIHHLVSFMLAENISHGLLLRKAPVLQYLQYLAQIGIAMS
PLSNNSLFLSYHRNPLPEYLSRGLMVSLSTDDPLQFHFTKEPLMEEYSIATQVWKLSSCDMCELA
RNSVLMGFSHKVKSHWLGPNTYKEGPEGNDIRRTNVPDIRVGYYETLCQELALITQAVQSEML
ETIPEEAGITMSPGPQ

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence	Mouse (98); Rat (98)
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

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — AMPD2

Entrez GeneID	271
GeneBank Accession#	NM_139156.2
Protein Accession#	NP_631895.1
Gene Name	AMPD2
Gene Alias	-
Gene Description	adenosine monophosphate deaminase 2 (isoform L)
Omim ID	102771
Gene Ontology	Hyperlink
Gene Summary	Adenosine monophosphate deaminase-2 (EC 3.5.4.6) catalyzes the deamination of AMP to IMP and plays an important role in the purine nucleotide cycle.[supplied by OMIM]
Other Designations	AMP deaminase 2 OTTHUMP00000013369 OTTHUMP00000013371

Pathway

- [Biosynthesis of plant hormones](#)

- [Metabolic pathways](#)
- [Purine metabolism](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)