

DNAxPAb

Hard-to-Find
Antibody

AMPD2 DNAxPab

Catalog # H00000271-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human AMPD2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MASEARGGLGAPPLQSARSLPGPAPCLKHFPLDLRTSMDGKCKEAEELFTRSLAESELRSAPY
EFPEESPIEQLEERRQLERQISQDVKLEPDILLRAKQDFLKTDSDSDLQLYKEQGEGQGDRSLR
ERDVLEREFQRTVISGEEKCGVPFTDLLDAAKSVVRALFIREKYMALSLQSFCTPTRRYLQQLAEK
PLETRTYEQGPDTPVSADAPVHPPALEQHPYEHCEPSTMPGDLGLGLRMVRGVVHVYTRREPD
EHCSEVELPYPDQLQEFVADVNVLMALIINGPIKSFCYRRLQYLSSKFQMHVLLNEMKELAAQKKVP
HRDFYNIRKVDTHIHASSCMNQKHLLRFIKRAMKRHLEEVHVEQGREGTLREVFSMNLTAIDL
VDTLDVHADRNTHFRFDKFNAYNPIGESVLEIFIKTDNRVSGKYFAHIIKEVMSDLEESKYQNAE
LRLSIYGRSRDEWDKLARWAVMHRVHSPNVRWLQVPRLFDVYRTKGQLANFQEMLENIFLPLF
EATVHPASHPELHFLFLEHVDGFDSDVDESKPENHVFNLESPLPEAWVEEDNPPYAYLYYTFAN
MAMLNHLRRQRGFHTFVLRPHCGEAGPIHHLVSFAMLAENISHGLLLRKAPVLQYLYLAQIGIAMS
PLSNNSLFLSYHRNPLPEYLSRGLMVSLSTDDPLQFHFTKEPLMEEYSIATQVWKLSSCDMCELA
RNSVLMGFSHKVKSHWLGPNTKEGPEGNDIRRTNVPDIRVGYRYETLCQELALITQAVQSEML
ETIPEEAGITMSPGPQ

Host Rabbit

Reactivity Human

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

Purification Protein A

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](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)