

DNAXPAb

Hard-to-Find
Antibody

AMPD1 DNAXPab

Catalog # H00000270-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AMPD1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MPLFKLPAAEEKQIDDAMRNFAEKVFASEVKDEGGRQEISPFVDVEICPISHHEMQAHIFHLETLSST STEARRKKRFQGRKTVNLSIPLSETSSSTKLSHIDEYISSSPTYQTVPDFQRVQITGDYASGVTVEDF EIVCKGLYRALCIREKYMQKSFQRFPKTPSKYLRNIDGEAWVANESFYVPVFTPPVKKGEDPFRTD NLPENLGYHLKMKDGVVYYPNEAAVSKDEPKLPYPNLDTFLDDMNFLALIAQGPVKTYTHRR LKFLSSKFQVHQMLNEMDELKELKNNPHRDFYNCRKVDTHIAAACMNQKHLLRFIKKSYQIDAD RVVYSTKEKNLTLKELFAKLKMHYPDLTVDSL DVHAGRQTFQRFDKFNDKYNPVGASELRDLYLK TDNYINGEYFATIIKEVGADLVEAKYQHAEPRLSIYGRSPDEWSKLSSWFVCNRIHCPNMTWMIQV PRIYDVFRSKNFLPHFGKMLENIFMPVFEATINPQADPELSVFLKHITGFDSVDDDESKHSGHMFSS KSPKPQEWTLKPNPSYTYAYMYANIMVLNSLRKERGMNTFLFRPHCGEAGALTHLMTAFMIAD DISHGLNLKKSPVLQYLFFLAQIPIAMSPLSNNSLFLEYAKNPFLDFLQKGLMISLSTDDPMQFHFT KEPLMEEYAIAAQVFKLSTCDMCEVARNSVLQCGISHEEKVKFLGDNYLEEGPAGNDIRRTNVAQI RMAYRYETWCYELNLIAEGLKSTE
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
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 — AMPD1

Entrez GeneID [270](#)

GeneBank Accession# [BC141600.1](#)

Protein Accession# [AA141601.1](#)

Gene Name AMPD1

Gene Alias MAD, MADA

Gene Description adenosine monophosphate deaminase 1 (isoform M)

Omim ID [102770](#)

Gene Ontology [Hyperlink](#)

Gene Summary Adenosine monophosphate deaminase 1 catalyzes the deamination of AMP to IMP in skeletal muscle and plays an important role in the purine nucleotide cycle. Two other genes have been identified, AMPD2 and AMPD3, for the liver- and erythrocyte-specific isoforms, respectively. Deficiency of the muscle-specific enzyme is apparently a common cause of exercise-induced myopathy and probably the most common cause of metabolic myopathy in the human. [provided by RefSeq]

Other Designations OTTHUMP00000013665|OTTHUMP00000059283|adenosine monophosphate deaminase-1 (muscle)

Pathway

- [Biosynthesis of plant hormones](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)

Disease

- [Anemia](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Brain Death](#)
- [Calcinosis](#)
- [Cardiac Output](#)
- [Cardiomegaly](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glycogen Storage Disease Type V](#)
- [Heart Failure](#)
- [Hyperemia](#)
- [Insulin Resistance](#)
- [Ischemia](#)
- [Metabolic Syndrome X](#)
- [Muscular Diseases](#)
- [Myocardial Infarction](#)

- [Myocardial Ischemia](#)
- [Neuromuscular Diseases](#)
- [Obesity](#)
- [Task Performance and Analysis](#)
- [Ventricular Dysfunction](#)