

DNAXPab

Hard-to-Find
Antibody

ADD1 DNAXPab

Catalog # H00000118-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ADD1 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MNGDSRAAVVTSPPTTAPHKERYFDRVDENNPEYLRERNMAPDLRQDFNMMEQKKRVSMILQ
SPAFCEELESMIQEQFKKGKNPTGLLALQQIADFMTTNVPNVYPAAPQGGMAALNMSLGMVTPV
NDLRGSDSIAYDKGEKLLRCKLAIFYRLADLFGWSQLYNHITRVNSEQEHFLVFPGLLYSEVTA
SSLVKINLQGDIVDRGSTNLGVNQAGFTLHSAIYAARPDVKCVVHIHTPAGAAVSAMKCGLLPISPE
ALSLGEVAYHDYHGILVDEEEKVLIQKNLGPCKSVLILRNHGLVSVGESVEEAFYYIHNLVVACEIQV
RTLASAGGPDNLVLLNPEKYKAKSRSPGSPVGEGETGSPPKWQIGEQEFEALMRMLDNLGYRTGY
PYRYPALREKSKKYSDVEVPASVTGYSFASDGDGSGTCSPLRHSFQKQKREKTRWLNNSGRGDEA
SEEGQNGSSPKSKTKWTKEDGHRTSTSAVPLNFVPLNTNPKEVQEMRNKIREQNLQDIKTAGPQ
SQVLCGVVMDRSLVQDAPLSDCTETIEGLELTEQTFSPAKSLSFRKGELVTASKAIEKEYQPHVIV
STTGPNPFITLTDRELEEYRREVERKQKGSEENLDEAREQKEKSPPDQPAVPHPPPSTPIKLEE
GDGCAREYLLP

Host Rabbit

Reactivity Human

Interspecies Antigen Sequence Mouse (91); Rat (92)

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 — ADD1

Entrez GeneID [118](#)

GeneBank Accession# [BC042998.1](#)

Protein Accession# [AAH42998.1](#)

Gene Name ADD1

Gene Alias ADDA, MGC3339, MGC44427

Gene Description adducin 1 (alpha)

Omim ID [102680 145500](#)

Gene Ontology [Hyperlink](#)

Gene Summary Adducins are a family of cytoskeleton proteins encoded by three genes (alpha, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. Alpha- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. Alpha- and gamma-adducins are ubiquitously expressed. In contrast, beta-adducin is expressed at high levels in brain and hematopoietic tissues. Adducin binds with high affinity to Ca(2+)/calmodulin and is a substrate for protein kinases A and C. Alternative splicing results in multiple variants encoding distinct isoforms; however, not all variants have been fully described. [provided by RefSeq]

Other Designations OTTHUMP00000151164|OTTHUMP00000151165|erythrocyte adducin alpha subunit

Disease

- [Albuminuria](#)
- [Alcoholism](#)

- [Amyotrophic lateral sclerosis](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Cognition Disorders](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
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- [Coronary Stenosis](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
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- [Disease Progression](#)
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- [Glomerulonephritis](#)

- [Heart Defects](#)
- [Hyperaldosteronism](#)
- [Hyperlipidemia](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypotension](#)
- [Infant](#)
- [Inflammation](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Meniere Disease](#)
- [Meningococcal Infections](#)
- [Migraine Disorders](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Osteoporosis](#)
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- [Peripheral Vascular Diseases](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)
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- [Premature Birth](#)
- [Proteinuria](#)

- [Recurrence](#)
- [Stroke](#)
- [Vascular Diseases](#)
- [Werner syndrome](#)