

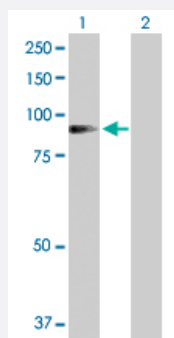
MaxPab®

ADD1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000118-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ADD1 expression in transfected 293T cell line ([H00000118-T01](#)) by ADD1 MaxPab polyclonal antibody.

Lane 1: ADD1 transfected lysate(73.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ADD1 protein.

Immunogen

ADD1 (AAH42998.1, 1 a.a. ~ 662 a.a) full-length human protein.

Sequence

MNGDSRAAVVTSPPTTAPHKERYFDRVDENNPEYLREERNMAPDLRQDFNMMEQKKRVSMILQ
SPAFCEELESMIQEQFKKGKNPTGLLALQQIADFMTTNVNVYPAAPQGGMAALNMSLGMVTPV
NDLRGSDSIAYDKGEKLLRCKLAIFYRLADLFGWSQLMNHITTRVNSEQEHFLVMPFGLLYSEVTA
SSLVKINLQGDVDRGSTNLGVNQAGFTLHSAIYAARPDVKCVVHIHTPAGAAVSAMKCGLLPISPE
ALSLGEVAYHDYHGILVDEEEKVLIQKNLGPKSKVLILRNHGLVSVGESVEEAFYIHLNVVACEIQV
RTLASAGGPDNLVLLNPEKYKAKSRSPGSPVGEGTGSPPKWQIGEQEFEALMRMLDNLGYRTGY
PYRYPALREKSKKYSDVEVPASVTGYSFASDGDGSGTCSPLRHSFQKQKREKTRWLNSGRGDEA
SEEGQNGSSPKSKTKWTKEDGHRTSTSAVPNLFVPLNTNPKEVQEMRNKIREQNLQDIKTAGPQ
SQVLCGVVMDRSLVQDAPLSDCTETIEGLEL TEQTFSPA KSL SFRKGELVTASKAIEKEYQPHVIV
STTGPNPFTTLTDRELEEYRREVERKQKGSEENLDEAREQKEKSPPDQPAVPHPPPSTPIKLEE
GDGCAREYLLP

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (91); Rat (92)

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.

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[Protocol Download](#)

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](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)
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- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypotension](#)
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- [Inflammation](#)
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- [Kidney Failure](#)
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- [Myocardial Infarction](#)
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- [Peripheral Vascular Diseases](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)

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