

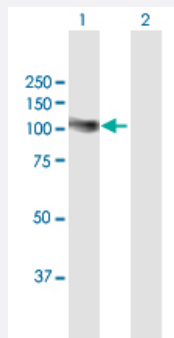
MaxPab®

ADD2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000119-D01

Size 100 uL

Applications

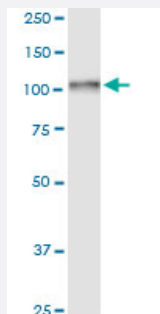


Western Blot (Transfected lysate)

Western Blot analysis of ADD2 expression in transfected 293T cell line ([H00000119-T01](#)) by ADD2 MaxPab polyclonal antibody.

Lane 1: ADD2 transfected lysate(80.8 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of ADD2 transfected lysate using anti-ADD2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ADD2 purified MaxPab mouse polyclonal antibody (B01P) ([H00000119-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ADD2 protein.

Immunogen

ADD2 (AAH65525.1, 1 a.a. ~ 726 a.a) full-length human protein.

Sequence

MSEETVPEAASPPPPQGQPYFDRFSEDDPEYMRLRNRAADLRQDFNLMEQKKRVTMILQSPSF
REELEGLIQEQMKKGNNSSNIWALRQIADFMASHTSHAVFPTSSMNVSMMPINDLHTADSLNLAK
GERLMRCKISSVYRLLDLYGWAQLSDTYVTLRVSKEQDHFLISPKGVSCSEVTASSLIKVNILGEVV
EKGSSCFPVDTTGFCLHSAIYAARPDVRCIIHLHTPATAAVSAMKWGLLPVSHNALLVGDMAYYDF
NGEMEQEADRINLQKCLGPTCKILVLRNHGVVALGDTVVEAFYKIFHLQAACEIQVSALSSAGGVE
NLILLEQEKEHRPHEVGSVQWAGSTFGPMQKSRLGEHEFEALMRMLDNLGYRTGYTYRHPFVQEK
TKHKSEVEIPATVTAFFVEEDGAPVPALRQHAQKQKQKEKTRWLNTPNAYLRVNVADDEVQRSMGS
PRPKTTWMKADEVKSSSGMPIRIENPNQFVPLYTDPQEVLEMNRNKIREQNRQDVKSAGPQSQL
LASVIAEKSRSPSTESQLMSKGDDETKDDSEETVPNPFSQLTDQELEEYKKEVERKKLELDGEK
ETAPEEPGSPAKSAPASPVQSPAKEAETKSPLVSPSKSLEEGTKKTETSKAATTEPETTQPEGV
VVNGREEEQTAEEILSKGLSQMTTSADTDVDTSKDKTESVTSGPMSPEGSPSKSPSKKKKKFRT
PSFLKKSKKKKEKVES

Host

Rabbit

Reactivity

Human

Interspecies Antigen
Sequence

Mouse (92); Rat (92)

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

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — ADD2

Entrez GeneID

[119](#)

GeneBank Accession#	BC065525.1
Protein Accession#	AAH65525.1
Gene Name	ADD2
Gene Alias	ADDB
Gene Description	adducin 2 (beta)
Omim ID	102681
Gene Ontology	Hyperlink
Gene Summary	Adducins are heteromeric proteins composed of different subunits referred to as adducin alpha, beta and gamma. The three subunits are encoded by distinct genes and belong to a family of membrane skeletal proteins involved in the assembly of spectrin-actin network in erythrocytes and at sites of cell-cell contact in epithelial tissues. While adducins alpha and gamma are ubiquitously expressed, the expression of adducin beta is restricted to brain and hematopoietic tissues. Adducin, originally purified from human erythrocytes, was found to be a heterodimer of adducins alpha and beta. Polymorphisms resulting in amino acid substitutions in these two subunits have been associated with the regulation of blood pressure in an animal model of hypertension. Heterodimers consisting of alpha and gamma subunits have also been described. Structurally, each subunit is comprised of two distinct domains. The amino-terminal region is protease resistant and globular in shape, while the carboxy-terminal region is protease sensitive. The latter contains multiple phosphorylation sites for protein kinase C, the binding site for calmodulin, and is required for association with spectrin and actin. Various adducin beta mRNAs, alternatively spliced at 3'end and/or internally spliced and encoding different isoforms, have been described. The functions of all the different isoforms are not known. [provided by RefSeq]
Other Designations	Adducin-2 (beta) adducin 2 beta adducin

Disease

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- [Diabetes Mellitus](#)
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- [Edema](#)
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- [Glomerulonephritis](#)

- [Hypertension](#)
- [Meniere Disease](#)
- [Proteinuria](#)
- [Tobacco Use Disorder](#)