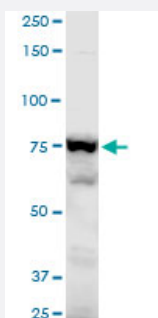


ADD3 polyclonal antibody (A01)

Catalog # H00000120-A01

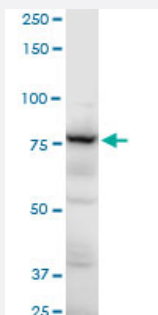
Size 50 uL

Applications



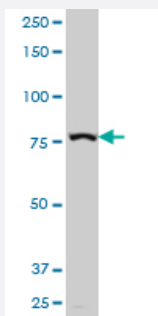
Western Blot (Cell lysate)

ADD3 polyclonal antibody (A01), Lot # CHI0060725QCS1. Western Blot analysis of ADD3 expression in NIH/3T3.



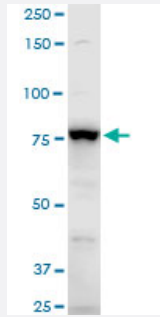
Western Blot (Cell lysate)

ADD3 polyclonal antibody (A01), Lot # CHI0060725QCS1. Western Blot analysis of ADD3 expression in Raw 264.7.



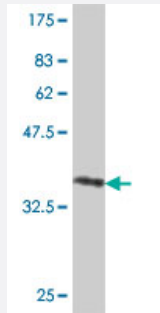
Western Blot (Cell lysate)

ADD3 polyclonal antibody (A01), Lot # CHI0060725QCS1 Western Blot analysis of ADD3 expression in K-562 (Cat # L009V1).



Western Blot (Cell lysate)

ADD3 polyclonal antibody (A01), Lot # CHI0060725QCS1. Western Blot analysis of ADD3 expression in PC-12.



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ADD3.
Immunogen	ADD3 (NP_058432, 462 a.a. ~ 560 a.a) partial recombinant protein with GST tag.
Sequence	PRTKITWMKAEDSSKVS GGTPIKIEDPNQFVPLNTNPNEVLEKRNKIREQNR YDLKTAGPQS QLLA GIVVDKPPSTMQFEDDDHGPPAPPNPFSHLTEG
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (95); Rat (94)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ADD3 polyclonal antibody (A01), Lot # CHI0060725QCS1. Western Blot analysis of ADD3 expression in NIH/3T3.

[Protocol Download](#)

- Western Blot (Cell lysate)

ADD3 polyclonal antibody (A01), Lot # CHI0060725QCS1. Western Blot analysis of ADD3 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Cell lysate)

ADD3 polyclonal antibody (A01), Lot # CHI0060725QCS1 Western Blot analysis of ADD3 expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

ADD3 polyclonal antibody (A01), Lot # CHI0060725QCS1. Western Blot analysis of ADD3 expression in PC-12.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ADD3

Entrez GeneID	120
GeneBank Accession#	NM_016824
Protein Accession#	NP_058432
Gene Name	ADD3
Gene Alias	ADDL
Gene Description	adducin 3 (gamma)
Omim ID	601568
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. Alternatively spliced adducin gamma transcripts encoding different isoforms have been described. The functions of the different isoforms are not known. [provided by RefSeq

Other Designations

OTTHUMP00000020463|OTTHUMP00000020464|adducin-like protein 70

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Endolymphatic Hydrops](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Meniere Disease](#)
- [Tobacco Use Disorder](#)