

Rabbit ADD1 Polyclonal Antibody | anti-ADD1 antibody

ADD1 (Ab-726) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306473	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

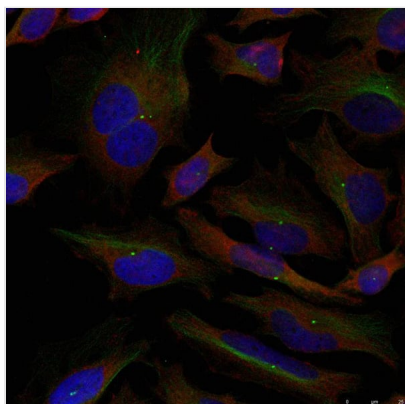
PRODUCT SYNONYMS

ADD1; Polyclonal Antibody; ADD1 (Ab-726) Antibody; ADDA; Erythrocyte adducin alpha subunit; anti-ADD1 antibody

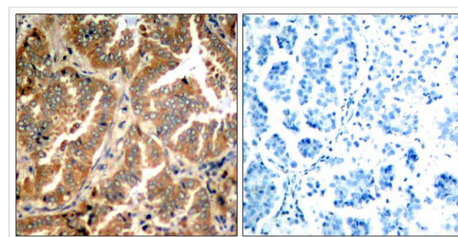
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ADD1 protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	737
Applicable Applications for anti-ADD1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.724~728 (T-P-S-F-L) derived from Human ADD1.
Target Name	ADD1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

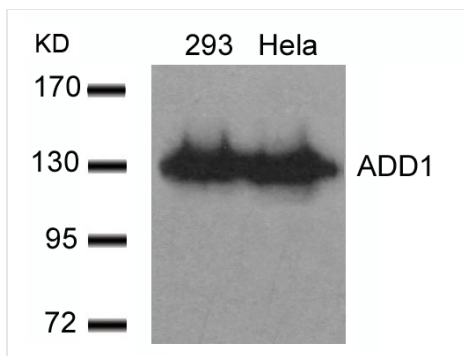
IMAGES


IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using ADD1(Ab-726) Antibody.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using ADD1(Ab-726) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)

Western blot analysis of extracts from 293 and HeLa cells using ADD1(Ab-726) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ADD1 antibody	Adducins are a family of cytoskeleton proteins encoded by three genes (a, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. a- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. a- 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.
Product Categories/Family for anti-ADD1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	29826319
NCBI GeneID	118
NCBI Accession #	NP_001110.2
NCBI GenBank Nucleotide #	NM_001119.4
UniProt Accession #	P35611; Q13734; Q14729; Q16156; Q86XM2; Q9UJB6; A2A3N8; A2A3P0; B4DI79; D3DVR3; D3DVR4; D3DVR5
Molecular Weight	73,333 Da
NCBI Official Full Name	alpha-adducin isoform a
NCBI Official Synonym Full Names	adducin 1 (alpha)
NCBI Official Symbol	ADD1
NCBI Official Synonym Symbols	ADDA
NCBI Protein Information	alpha-adducin
UniProt Protein Name	Alpha-adducin
UniProt Gene Name	ADD1
UniProt Synonym Gene Names	ADDA
UniProt Entry Name	ADDA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/add1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306473>