

Rabbit ADD3 Polyclonal Antibody | anti-ADD3 antibody

ADD3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324199	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

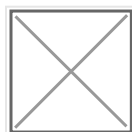
PRODUCT SYNONYMS

ADD3; Polyclonal Antibody; ADD3 Antibody; ADDG_HUMAN; ADDL; Adducin 3 (gamma); Adducin 3; Adducin; gamma; Adducin-like; Adducin-like protein 70; Gamma-adducin; anti-ADD3 antibody

PRODUCT SPECIFICATIONS

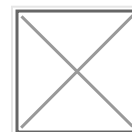
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ADD3 antibody detects endogenous levels of total ADD3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	674
Applicable Applications for anti-ADD3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm > Cytoskeleton. Cell Membrane.
Tissue Specificity	Isoform 1 is ubiquitously expressed.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324199 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using ADD3 antibody. The lane on the left is treated with the antigen-specific peptide.

**WB (Western Blot)**

Western blot analysis of extracts from 293, using ADD3 Antibody.

**WB (Western Blot)**

Western blot analysis of ADD3 expression in Rat muscle lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ADD3 antibody

Function: Membrane-cytoskeleton-associated protein that promotes the assembly of the spectrin-actin network. Plays a role in actin filament capping (PubMed:23836506). Binds to calmodulin.
Subunit Structure: Heterodimer of an alpha and a gamma subunit.
Post-translational Modifications: Sumoylated.
Similarity: Comprised of three regions: a N-terminal protease-resistant globular head region, a short connecting subdomain, and a protease-sensitive tail region. Belongs to the aldolase class II family. Adducin subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62912453
NCBI GeneID	120
NCBI Accession #	NP_001112.2
NCBI GenBank Nucleotide #	NM_001121.3
UniProt Accession #	Q9UEY8; O43243; Q5VU09; Q92773; Q9UEY7; D3DRA8
Molecular Weight	Observed: 75 kD Predicted: 80 kDa
NCBI Official Full Name	gamma-adducin isoform b
NCBI Official Synonym Full Names	adducin 3
NCBI Official Symbol	ADD3
NCBI Official Synonym Symbols	ADDL; CPSQ3
NCBI Protein Information	gamma-adducin
UniProt Protein Name	Gamma-adducin
UniProt Gene Name	ADD3
UniProt Synonym Gene Names	ADDL

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/add3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324199>