

ADD1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22310c

Specification

ADD1 Antibody (Center) - Product Information

Application WB, FC, E **Primary Accession** P35611 Other Accession **O5RA10** Reactivity Human Host **Rabbit** Clonality polyclonal Isotype Rabbit IgG Calculated MW 80955

ADD1 Antibody (Center) - Additional Information

Gene ID 118

Other Names

Alpha-adducin, Erythrocyte adducin subunit alpha, ADD1, ADDA

Target/Specificity

This ADD1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 428-462 amino acids from the Central region of human ADD1.

Dilution

WB~~1:2000 FC~~1:25

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ADD1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ADD1 Antibody (Center) - Protein Information

Name ADD1

Synonyms ADDA





Function Membrane-cytoskeleton-associated protein that promotes the assembly of the spectrin-actin network. Binds to calmodulin.

Cellular Location

Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side

Tissue Location

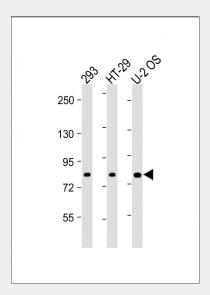
Expressed in all tissues. Found in much higher levels in reticulocytes than the beta subunit

ADD1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

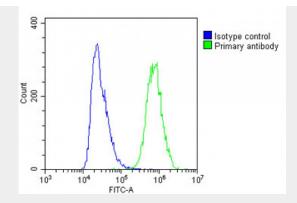
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

ADD1 Antibody (Center) - Images



All lanes : Anti-ADD1 Antibody (Center) at 1:2000 dilution Lane 1: 293 whole cell lysate Lane 2: HT-29 whole cell lysate Lane 3: U-2 OS whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 81 kDa Blocking/Dilution buffer: 5% NFDM/TBST.





Overlay histogram showing A431 cells stained with AP22310c(green line). The cells were fixed with 2% paraformaldehyde and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37° C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.

ADD1 Antibody (Center) - Background

Membrane-cytoskeleton-associated protein that promotes the assembly of the spectrin-actin network. Binds to calmodulin.

ADD1 Antibody (Center) - References

Joshi R.L., et al.J. Cell Biol. 115:665-675(1991). Goldberg Y.P., et al. Hum. Mol. Genet. 1:669-675(1992). Lin B., et al. Genomics 25:93-99(1995). Ota T., et al. Nat. Genet. 36:40-45(2004). Hillier L.W., et al. Nature 434:724-731(2005).