

# ADD1 (Ab-726) Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP50046

### **Product Information**

Application WB, IF, IHC Primary Accession P35611

**Reactivity** Human, Mouse, Rat

HostRabbitClonalitypolyclonalCalculated MW80955

#### **Additional Information**

Gene ID 118

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

**Dilution** WB~~ 1:1000 IF~~1:100 IHC~~1:50-1:100

Format Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4,

150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions -20°C

#### **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

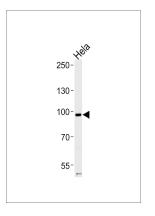
## **Background**

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

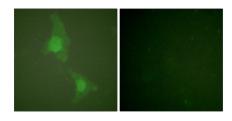
#### References

Joshi R.L.,et al.J. Cell Biol. 115:665-675(1991). Lin B.,et al.Genomics 25:93-99(1995). Hillier L.W.,et al.Nature 434:724-731(2005). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Taylor S.A.,et al.Nat. Genet. 2:223-227(1992).

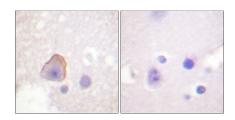
## **Images**



Western blot analysis of lysates from Hela cell line ,using ADD1 (Ab-726) Antibody(B0002). B0002 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug.



Immunofluorescence analysis of HeLa cells, using ADD1 (Ab-726) antibody .



Immunohistochemical analysis of paraffin-embedded human brain tissue using ADD1 (Ab-726) antibody.

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