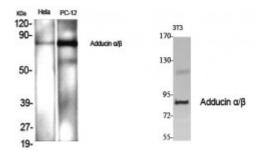


Anti-Adducin alpha/beta antibody





Description Rabbit polyclonal to Adducin alpha/beta.

Model STJ91490

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, IF, IHC, IP, WB

Immunogen Synthesized peptide derived from human Adducin alpha/beta around the non-

phosphorylation site of S726/713.

Immunogen Region 670-750 aa

Gene ID <u>118</u>

Gene Symbol ADD1

Dilution range WB 1:500-1:2000IHC 1:100-1:300IP 1:200-500IF 1:200-1:1000ELISA

1:40000

Specificity Adducin alpha/beta Polyclonal Antibody detects endogenous levels of

Adducin alpha/beta protein.

Tissue Specificity Expressed in all tissues. Found in much higher levels in reticulocytes than the

beta subunit.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Alpha-adducin Erythrocyte adducin subunit alpha

Molecular Weight 90 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links HGNC:2430MIM:102680

Alternative Names Alpha-adducin Erythrocyte adducin subunit alpha

Function Membrane-cytoskeleton-associated protein that promotes the assembly of the

spectrin-actin network. Binds to calmodulin.

Sequence and Domain Family Each subunit is comprised of three regions: a NH2-terminal protease-resistant

globular head region, a short connecting subdomain, and a protease-sensitive

tail region.

Cellular Localization Cytoplasm, cytoskeleton. Cell membrane. Peripheral membrane protein.

Cytoplasmic side.

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