

Anti-ADD1 antibody



Description Rabbit polyclonal to ADD1.

Model STJ91489

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, IF, IHC

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

phosphorylation site of T445.

Immunogen Region 380-460 aa

Gene ID <u>118</u>

Gene Symbol ADD1

Dilution range IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000

Specificity ADD1 Polyclonal Antibody detects endogenous levels of ADD1 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 80.955 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 <u>HGNC:2430MIM:102680</u>

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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