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## phospho-alpha Adducin (Thr445) Rabbit pAb

Catalog Number: bs-12961R

Target Protein: phospho-alpha Adducin (Thr445)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: **IHC-P** (1:100-500), **IHC-F** (1:100-500), **IF** (1:100-500), **ICC/IF** (1:100-500), **ELISA** (1:5000-10000)

Reactivity: (predicted:&nbsp;Human, Mouse, Rat)

Predicted MW: 80 kDa

Subcellular Cell membrane ,Cytoplasm

Locations:

Entrez Gene: 118

Swiss Prot: P35611

Source: KLH conjugated synthesised phosphopeptide derived from human alpha Adducin around the phosphorylation site of Thr445: EK(p-T)RW.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Adducins are a family of cytoskeleton proteins encoded by three genes (Alpha, Beta, Gamma). Adducin is a protein associated with the inner leaflet of the plasma membrane and is one of the proteins localized at the spectrin-actin junction of the membrane skeleton. The cortical actin cytoskeletal network is lost during apoptosis and Adducins are central in the cortical actin network organization. Adducin Alpha is a cytoskeletal protein involved with sodium-pump activity in the renal tubule and is associated with hypertension. The expression of Adducin Alpha and Adducin Gamma is ubiquitous in contrast to the restricted expression of Adducin Beta. Adducin Beta is expressed at high levels in brain and hematopoietic tissues, such as bone marrow, in humans, and in spleen in mice.