

Annexin A1 polyclonal antibody

Catalog: BS62259

Host: Rabbit

Reactivity: Human, Mouse

Background:

The annexin family of calcium-binding proteins is composed of at least ten mammalian genes and is characterized by a conserved core domain which binds phospholipids in a Ca²⁺-dependent manner and a unique amino terminal region which may confer binding specificity. The interaction between these proteins and biological membranes have led to the hypothesis that they are involved in cellular trafficking processes such as endocytosis, exocytosis and cellular adhesion. Annexin I, alternatively referred to as lipocortin, has been implicated as a mediator of the anti-inflammatory response produced by glucocorticoids and as an inhibitor of cPLA₂, a potent mediator of inflammation. Annexin II, also called p36, has been shown to exist as a monomer or a heterotetramer, complexed with the S-100-related protein p11. This complex is termed calpactin I. In the tetrameric form, Annexin II is an efficient substrate of the PKC family and Src pp60.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 38 kDa

Swiss-Prot:

P04083

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

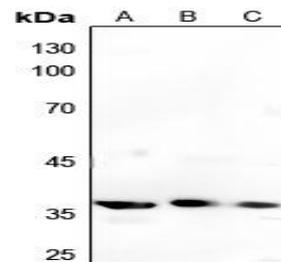
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Annexin A1 polyclonal antibody detects endogenous levels of Annexin A1 protein.

DATA:



Western blot (WB) analysis of Annexin A1 polyclonal antibody at 1:500 dilution

LaneA:Hela whole cell lysate

LaneB:The Lung tissue lysate of Rat

LaneC:The Spleen tissue lysate of Rat

Note:

For research use only, not for use in diagnostic procedure.

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