

Annexin 2 polyclonal antibody

Catalog: BS6524

Host: Rabbit

Reactivity: Human, Mouse, Rat

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 has led to the hypothesis that they are involved in cellular trafficking processes such as endocytosis, exocytosis and cellular adhesion. Annexin II, also called p36, exists as a monomer or as 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 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:

P07355

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:1000

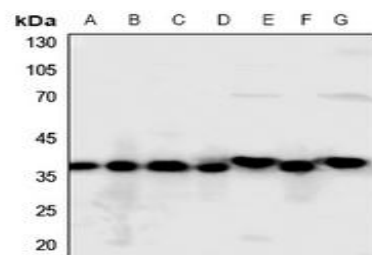
Storage&Stability:

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

Specificity:

Annexin 2 polyclonal antibody detects endogenous levels of Annexin 2 protein.

DATA:



Western blot (WB) analysis of Annexin 2 polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate(30ug)

LaneB:Hela whole cell lysate(30ug)

LaneC:H1688 whole cell lysate(30ug)

LaneD:The Lung tissue lysate of Mouse(30ug)

LaneE:The Liver tissue lysate of Mouse(30ug)

LaneF:The Lung tissue lysate of Rat(30ug)

LaneG:The Liver tissue lysate of Rat(30ug)

Note:

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

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