

Annexin A3 polyclonal antibody

Catalog: BS90060

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. Annexin family members have been implicated as regulators of such diverse processes as ion flux, endocytosis, exocytosis and cellular adhesion. Annexin III, also known as ANXA3, Annexin A3, Lipocortin III, PAP-III (placental anticoagulant protein III), 35- α calcimedlin or ANX3, belongs to the annexin family and contains four Annexin repeats. Annexin III exhibits a variety of functions, including anti-coagulant properties, an inhibitory role towards phospholipase A2 (PLA2) and an enzymatic function, cleaving the cyclic bond of inositol 1,2-cyclic phosphate to produce inositol 1-phosphate.

Product:

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

Molecular Weight:

36 kDa

Swiss-Prot:

P12429(Human) O35639(Mouse) P14669(Rat)

Purification&Purity:

Protein affinity purified.

Applications:

WB:1:500-1:2,000

IHC:1:50-1:200

FC:1:50-1:100

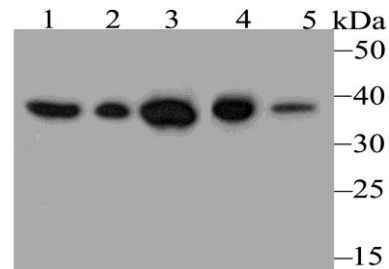
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

Specificity:

Annexin A3 polyclonal antibody detects endogenous levels of Annexin A3 protein.

DATA:



Western blot analysis of Annexin A3 on different lysates using anti-Annexin A3 antibody at 1/1,000 dilution.

Positive control:

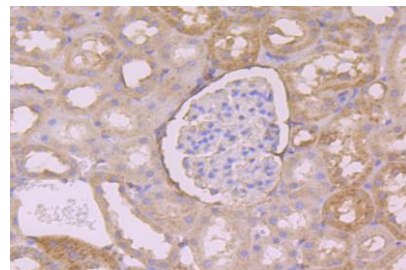
Lane1: Siha

Lane2: Hela

Lane3: Rat spleen tissue

Lane4: Rat liver tissue

Lane5: Mouse lung tissue



Immunohistochemical analysis of paraffin-embedded rat kidney tissue using anti-Annexin A3 antibody. Counter stained with hematoxylin.

Note:

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

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