

## Annexin 2 (N137) polyclonal antibody

Catalog: BS3553

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 Ca<sup>2+</sup>-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

IHC: 1:50~1:200

### Storage&Stability:

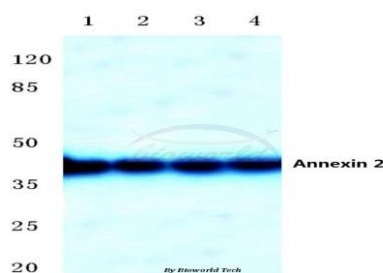
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Annexin 2 (N137) polyclonal antibody detects endoge-

nous levels of Annexin 2 protein.

### DATA:



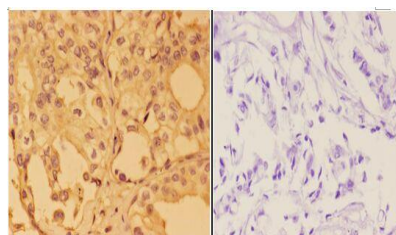
Western blot (WB) analysis of Annexin 2 (N137) polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:MCF-7 cell lysate

Lane3:Raw264.7 cell lysate

Lane4:H9C2 cell lysate



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Lot C156131

Immunohistochemistry (IHC) analyzes of Annexin 2 (N137) pAb in paraffin-embedded human breast carcinoma tissue at 1:50, showing membrane and cytoplasmic staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

### Note:

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

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