bs-1562R **[Primary Antibody]**

Annexin A1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 301 **SWISS:** P04083

Target: Annexin A1

Immunogen: KLH conjugated synthetic peptide derived from human Annexin A1: 281-346/346.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: This gene encodes a protein that belongs to a family of Ca(2+) dependent phospholipid binding proteins which have a molecular weight of approximately 35,000 to 40,000 and are preferentially located on the cytosolic face of the plasma membrane. Annexin I protein has an apparent relative molecular mass of 40 kDa, with phospholipase A2 inhibitory activity. Since phospholipase A2 is required for the biosynthesis of the potent mediators of inflammation, prostaglandins and leukotrienes, annexin I may have potential anti inflammatory activity.

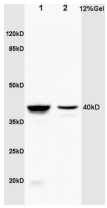
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100)

Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Cow, Horse)

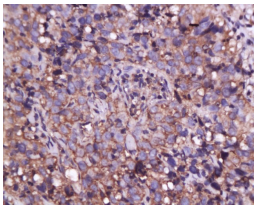
Predicted MW.: 39 kDa

Subcellular Location: Cell membrane

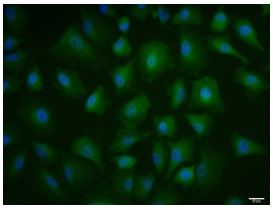
VALIDATION IMAGES



Sample: Lane1: Kidney(Rat) Lysate at 30 ug Lane2: Brain(Rat) Lysate at 30 ug Primary: Anti-Annexin A1 (bs-1562R) at 1:200 dilution; Secondary: HRP conjugated Goat Anti-Rabbit IgG(bs-0295G-HRP) at 1: 3000 dilution; Predicted band size : 39kD Observed band size : 40kD



Tissue/cell: human cervical carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37鈰 for 20 min; Incubation: Anti-Annexin A1 Polyclonal Antibody, Unconjugated(bs-1562R) 1:200, overnight at 4 捣C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



A549 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (Annexin A1) polyclonal Antibody, Unconjugated (bs-1562R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

SELECTED CITATIONS

- **[IF=3.35]** Li, Yangguang, et al. "Glycoproteomic analysis of tissues from patients with colon cancer using lectin microarrays and nanoLC-MS/MS." Mol. BioSyst. (2013). WB ;="Human". 23567825
- **[IF=2.46]** Wang, Zhong-Chao, et al. "2D-DIGE proteomic analysis of changes in estrogen/progesterone-induced rat breast hyperplasia upon treatment with the Mongolian remedy RuXian-I." Molecules 16.4 (2011): 3048-3065. Other ;="Rat". 21478820