

bs-12478R**[Primary Antibody]****Annexin A13 Rabbit pAb****BioSS**
ANTIBODIES

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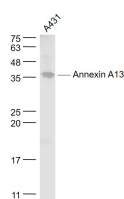
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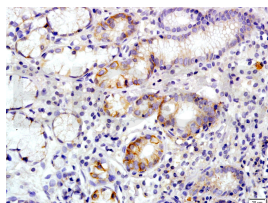
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 312	SWISS: P27216	IHC-F (1:100-500)
Target: Annexin A13		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Annexin A13: 241-316/316.		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Dog, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 35 kDa
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.		Subcellular Location: Cell membrane ,Cytoplasm
Background: The Annexins constitute a family of structurally-related, relatively abundant proteins that exhibit Ca ²⁺ -dependent binding to phospholipids. Annexins function in multiple aspects of cell biology including regulation of membrane trafficking, transmembrane channel activity, inhibition of phospholipase A2, inhibition of coagulation and mediation of cell-matrix interactions. Annexin A13 is considered the original progenitor of the 12 members of vertebrate Annexins. The expression of Annexin A13 is highly tissue-specific, being expressed only in intestinal and kidney epithelial cells. This expression is associated with a highly differentiated intracellular transport function. Two alternative splicing isoforms of Annexin A13 exist, both of which bind to rafts.		

— VALIDATION IMAGES —

Sample: A431(Human) Cell Lysate at 30 ug
 Primary: Anti- Annexin A13 (bs-12478R) at 1/1000
 dilution Secondary: IRDye800CW Goat Anti-
 Rabbit IgG at 1/20000 dilution Predicted band
 size: 35 kD Observed band size: 35 kD



Tissue/cell: human colon 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°C for 20 min; Incubation:
 Anti-Annexin A13 Polyclonal Antibody,
 Unconjugated(bs-12478R) 1:200, overnight at
 4°C, followed by conjugation to the secondary
 antibody(SP-0023) and DAB(C-0010) staining