bs-0576R **[Primary Antibody]**

Annexin A2 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 302 **SWISS:** P07355

Target: Annexin A2

Immunogen: KLH conjugated synthetic peptide derived from human Annexin II: 256-339/339.

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 member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].

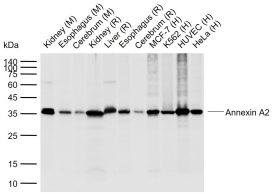
Applications: **WB** (1:500-2000)
ELISA (1:5000-10000)

Reactivity: Human, Mouse, Rat (predicted: Sheep, Cow, Chicken, Dog)

Predicted MW.: 36 kDa

Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane ,Cytoplasm

VALIDATION IMAGES



Sample: Lane 1: Mouse Kidney tissue lysates Lane 2: Mouse Esophagus tissue lysates Lane 3: Mouse Cerebrum tissue lysates Lane 4: Rat Kidney tissue lysates Lane 5: Rat Liver tissue lysates Lane 6: Rat Esophagus tissue lysates Lane 7: Rat Cerebrum tissue lysates Lane 8: Human MCF-7 cell lysates Lane 9: Human K562 cell lysates Lane 10: Human HUVEC cell lysates Lane 11: Human HeLa cell lysates Primary: Anti-Annexin A2 (bs-0576R) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kDa Observed band size: 36 kDa

SELECTED CITATIONS

- **[IF=2.84]** Geng, Xiaofang, et al. "Differential proteome analysis of the cell differentiation regulated by BCC, CRH, CXCR4, GnRH, GPCR, IL1 signaling pathways in Chinese fire-bellied newt limb regeneration." Differentiation (2014). WB ;. 25465723
- **[IF=1.832]** Gao J et al. Proteomic Analyses of Mammary Glands Provide Insight into the Immunity and Metabolism Pathways Associated with Clinical Mastitis in Meat Sheep.Animals (Basel). 2019 May 31;9(6). pii: E309. WB ;Sheep.

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