

Annexin A4/Annexin IV Rabbit mAb

Catalog No.: A9203 **Recombinant**

Basic Information

Observed MW

33kDa

Calculated MW

36kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1477

Background

Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. ANX4 has 45 to 59% identity with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANX4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in epithelial cells. Several transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

| | |
|---------------|----------------|
| WB | 1:500 - 1:1000 |
| IF/ICC | 1:50 - 1:200 |

Immunogen Information

Gene ID

307

Swiss Prot

P09525

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Annexin A4/Annexin A4/Annexin IV (P09525).

Synonyms

ANX4; P32.5; PIG28; PP4-X; ZAP36; PAP-II; HEL-S-274; Annexin A4/Annexin IV

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

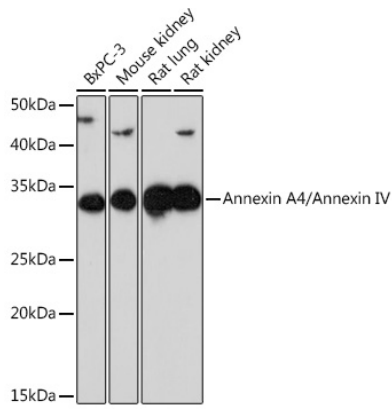
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Annexin A4/Annexin A4/Annexin IV Rabbit mAb (A9203) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 3min.