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Annexin A4/Annexin IV Rabbit pAb

Catalog No.: A13466

Basic Information

Observed MW
36kDa

Calculated MW
36kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human, Mouse

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 - 1:2000

ELISA   Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID   **Swiss Prot**
307   P09525

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

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   **Isotype**   **Purification**
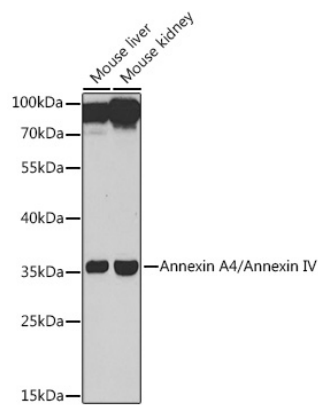Rabbit   IgG   Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of various lysates using Annexin A4/Annexin IV Rabbit pAb (A13466) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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 Basic Kit (RM00020).
Exposure time: 60s.