

Annexin A4 Polyclonal antibody

Catalog Number: 29508-1-AP

Basic Information

Catalog Number:

29508-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30827

GenBank Accession Number:

BC000182

GeneID (NCBI):

307

UNIPROT ID:

P09525

Full Name:

annexin A4

Calculated MW:

36 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, rat, mouse

Positive Controls:

WB : HeLa cells, HepG2 cells, mouse kidney tissue, mouse liver tissue, mouse lung tissue, rat kidney tissue, NIH/3T3 cells, RAW 264.7 cells, HuH-7 cells, PC-12 cells, C6 cells, human placenta tissue

Background Information

Annexin A4 (Anxa4) is one of the Ca²⁺-regulated and phospholipid-binding annexin superfamily proteins, and is located at 2p13. Anxa4 has a potential role in diagnosis, prognosis, and treatment of certain cancers. Annexin A4 shares 45 to 59% identity with other members and possibly interacts with ATP. Annexin A4 has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. The Annexin A4 protein is expressed in a wide range of tissues, associated with polarized epithelial cells and is proposed to be involved in the regulation of chloride ions across the epithelial membrane.

Storage

Storage:

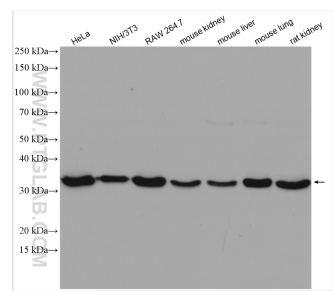
Store at -20°C.

Storage Buffer:

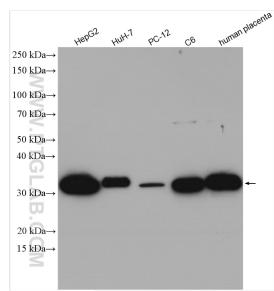
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29508-1-AP (Annexin A4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 29508-1-AP (Annexin IV antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.