

# Annexin A5/Annexin V Rabbit mAb

Catalog No.: A9262 **Recombinant**

## Basic Information

### Observed MW

36kDa

### Calculated MW

36kDa

### Category

Primary antibody

### Applications

ELISA,WB

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC1499

## Background

The Annexin 5 gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa. The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. Polymorphisms in this gene have been implicated in various obstetric complications.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

308

### Swiss Prot

P08758

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 221-320 of human Annexin A5/Annexin A5/Annexin V (NP\_001145.1).

### Synonyms

PP4; ANX5; ENX2; CPB-I; RPRGL3; HEL-S-7; VAC-alpha; Annexin A5/Annexin V

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

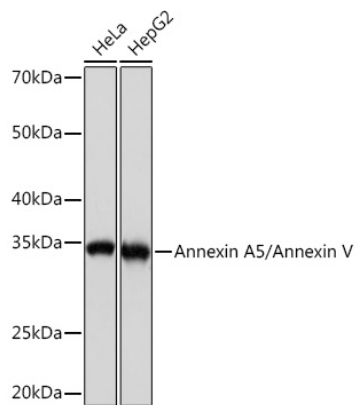
Affinity purification

### 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 A5/Annexin A5/Annexin V Rabbit mAb (A9262) at 1:1000 dilution.

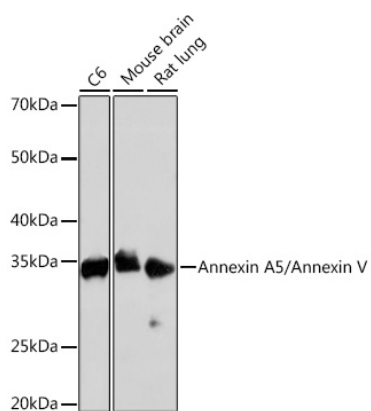
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using Annexin A5/Annexin A5/Annexin V Rabbit mAb (A9262) 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 Basic Kit (RM00020).

Exposure time: 30s.