

# [KO Validated] Annexin A5/Annexin V Rabbit pAb

Catalog No.: A1728 **KO Validated**

## Basic Information

### Catalog No.

A1728

### Observed MW

35kDa

### Calculated MW

35kDa

### Category

Primary antibody

### Applications

WB, IF

### Cross-Reactivity

Human, Mouse

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IF</b>	1:50 - 1:200

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Background

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. The 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.

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
308	P08758

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-320 of human Annexin A5/Annexin V (NP\_001145.1).

### Synonyms

ANXA5;ANX5;ENX2;HEL-S-7;PP4;RPRGL3

## Product Information

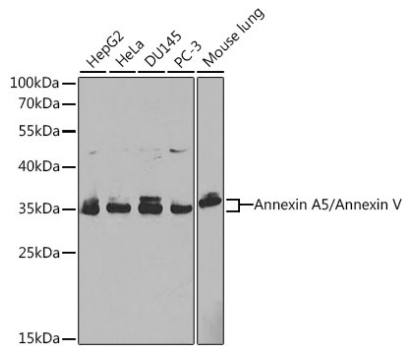
<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

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

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

## Validation Data

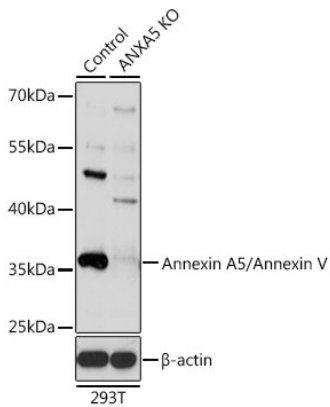


Western blot analysis of extracts of various cell lines, using Annexin A5/Annexin V antibody (A1728) at 1:1000 dilution.

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

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of extracts from normal (control) and Annexin A5/Annexin V knockout (KO) 293T cells, using Annexin A5/Annexin V antibody (A1728) at 1:1000 dilution.

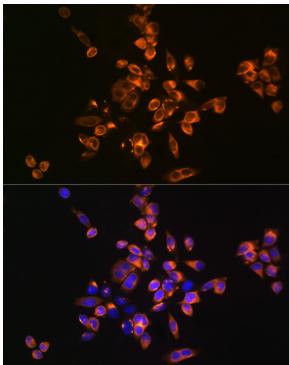
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunofluorescence analysis of HeLa cells using [KO Validated] Annexin A5/Annexin V Rabbit pAb (A1728) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.