

# Annexin A11 Rabbit pAb

Catalog No.: A7423

## Basic Information

### Observed MW

56kDa

### Calculated MW

54kDa

### Category

Primary antibody

### Applications

WB, IF/ICC, IP, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of the annexin family, a group of calcium-dependent phospholipid-binding proteins. Annexins have unique N-terminal domains and conserved C-terminal domains, which contain calcium-dependent phospholipid-binding sites. The encoded protein is a 56-kD antigen recognized by sera from patients with various autoimmune diseases. Several transcript variants encoding two different isoforms have been identified.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

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

## Immunogen Information

### Gene ID

311

### Swiss Prot

P50995

### Immunogen

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

### Synonyms

ALS23; ANX11; CAP50; CAP-50; IBMWMA; Annexin A11

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

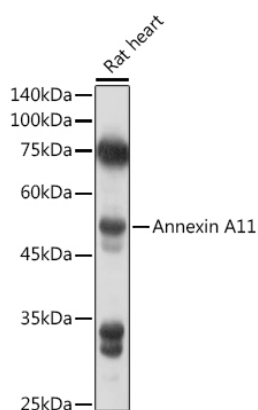
Affinity purification

### Storage

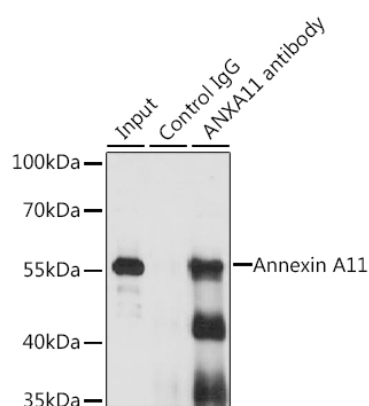
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

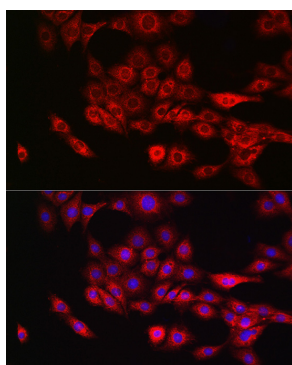
## Validation Data



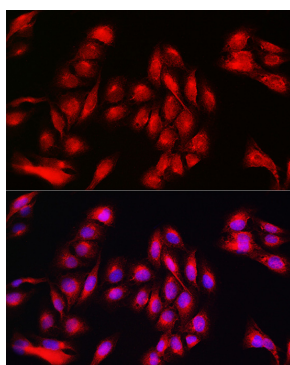
Western blot analysis of lysates from Rat heart , using Annexin A11 Rabbit pAb (A7423) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Immunoprecipitation analysis of 200 µg extracts of Jurkat cells, using 3 µg Annexin A11 antibody (A7423).  
Western blot was performed from the immunoprecipitate using Annexin A11 antibody (A7423) at a dilution of 1:1000.



Immunofluorescence analysis of PC-12 cells using Annexin A11 Rabbit pAb (A7423) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using Annexin A11 Rabbit pAb (A7423) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.