

## Product datasheet

# Anti-Annexin A2 antibody - C-terminal ab75933

[1 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-Annexin A2 antibody - C-terminal
<b>Description</b>	Rabbit polyclonal to Annexin A2 - C-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	KLH-conjugated synthetic peptide selected from the C-terminal region of Human Annexin II
<b>Positive control</b>	A2058 cell line lysate

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Purification notes</b>	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab75933** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

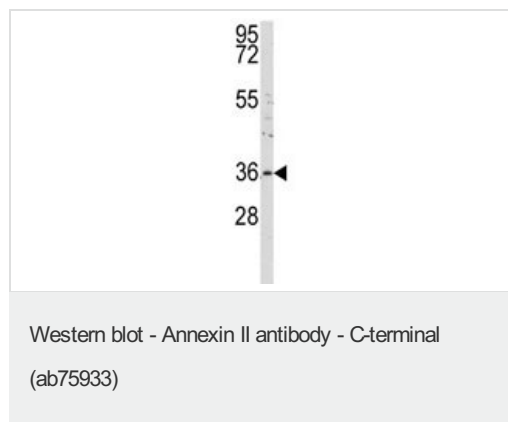
Application	Abreviews	Notes
IHC-P		1/10 - 1/50.
WB		1/50 - 1/100. Predicted molecular weight: 38 kDa.

Application	Abreviews	Notes
ELISA		1/1000.

## Target

<b>Function</b>	Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response.
<b>Sequence similarities</b>	Belongs to the annexin family. Contains 4 annexin repeats.
<b>Domain</b>	A pair of annexin repeats may form one binding site for calcium and phospholipid.
<b>Post-translational modifications</b>	Phosphorylation of Tyr-24 enhances heat stress-induced translocation to the cell surface. ISGylated.
<b>Cellular localization</b>	Secreted > extracellular space > extracellular matrix > basement membrane. Melanosome. In the lamina beneath the plasma membrane. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Translocated from the cytoplasm to the cell surface through a Golgi-independent mechanism.

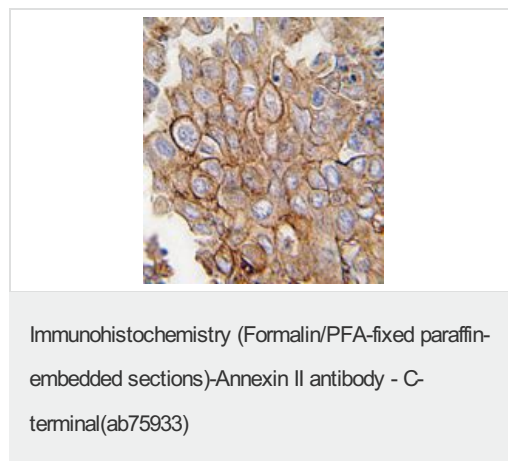
## Images



Anti-Annexin A2 antibody - C-terminal (ab75933) at 1/50 dilution + A2058 cell lysate at 35 µg

**Predicted band size:** 38 kDa

**Observed band size:** 38 kDa



ab75933 at 1/50 dilution staining Annexin II - C-terminal in human lung carcinoma tissue section by Immunohistochemistry (Formalin/PFA fixed paraffin-embedded sections). A peroxidase conjugated secondary antibody was used followed by DAB staining.

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