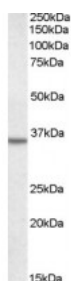




## Annexin Antibody

CATALOG NUMBER: 45-008



Western Blot staining (0.5ug/ml) of A431 lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:1000. Western Blot: Approx 35kDa band observed in lysates of cell lines A549, HeLa and NIH3T3 (calculated MW of 38.6kDa according to NP_004030.1 and NP_001002857.1). Recommended concentration: 0.5-3ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1202 - A431 Cell Lysate
<b>SPECIFICITY:</b>	This antibody is expected to recognise both reported isoforms (NP_001002858.1; NP_004030.1). Variants NP_004030.1, NP_001002857.1 and NP_001129487.1 represent identical protein.
<b>IMMUNOGEN:</b>	Annexin antibody was raised against a 15 amino acid synthetic peptide near the N-Terminus of Annexin.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	Annexin antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Annexin antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	ANXA2, annexin A2, ANX2, LIP2, LPC2, CAL1H, LPC2D, ANX2L4, P36, PAP-IV, annexin II, lipocortin II, Annexin II (lipocortin I), annexin II (lipocortin II), calpactin I, heavy polypeptide (p36), annexin II (lipocortin II calpactin I, heavy polypeptide), calp
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**ACCESSION NO.:** NP\_001002858.1, NP\_004030.1, NP\_001002857.1

**PROTEIN GI NO.:** 50845388

**OFFICIAL SYMBOL:** ANXA2

**GENE ID:** 302

### Background

**REFERENCES:** 1) Takahashi S, Reddy SV, Chirgwin JM, Devlin R, Haipek C, Anderson J, Roodman GD. Cloning and identification of annexin II as an autocrine/paracrine factor that increases osteoclast formation and bone resorption. J Biol Chem 1994 Nov 18;269(46):28696-701

**FOR RESEARCH USE ONLY**

December 13, 2016