

Rabbit ANXA2 Polyclonal Antibody | anti-ANXA2 antibody

Phospho-ANXA2 (Tyr24) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328279	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ANXA2; Polyclonal Antibody; Phospho-ANXA2 (Tyr24) Antibody; Annexin A2; Annexin II; heavy chain; Annexin-2; ANX 2; ANX2; ANX2L4; ANXA2_HUMAN; arylsulfatase B; CAL1H; Calpactin I heavy chain; calpactin I heavy polypeptide (p36); Calpactin I heavy polypeptide; Calpactin-1 heavy chain; chromobindin 8; Chromobindin-8; Epididymis secretory protein Li 270; HEL S 270; LIP2; Lipocortin II; LPC2; LPC2D; p36; P36 protein; PAP-IV; Placental anticoagulant protein IV; Protein I; anti-ANXA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	339
Applicable Applications for anti-ANXA2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ANXA2 around the phosphorylation site of Tyr24.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA328279 staining HeLa cells(4h of LPS treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA328279 at 1/100 staining rat heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from MC-3T3-E1 cells(H₂O₂ treatment), using Phospho-Annexin A2 (Tyr24) Ab. The lane on the left was treated with blocking peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50845386
NCBI GeneID	302
NCBI Accession #	NP_001002857.1
NCBI GenBank Nucleotide #	NP_001002857.1
UniProt Accession #	P07355
Molecular Weight	37 kDa
NCBI Official Full Name	annexin A2 isoform 2
NCBI Official Synonym Full Names	annexin A2
NCBI Official Symbol	ANXA2
NCBI Official Synonym Symbols	P36; ANX2; LIP2; LPC2; CAL1H; LPC2D; ANX2L4; PAP-IV; HEL-S-270
NCBI Protein Information	annexin A2
UniProt Protein Name	Annexin A2
UniProt Gene Name	ANXA2
UniProt Synonym Gene Names	ANX2; ANX2L4; CAL1H; LPC2D; PAP-IV
UniProt Entry Name	ANXA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/anxa2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/328279>