

Rabbit Annexin A1 Polyclonal Antibody | anti-ANXA1 antibody

Anti-Annexin A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46052	Rabbit	Human, Mouse, Rat. No cross reactivity with other proteins.	Immunohistochemistry, Immunohistochemistry, Western Blot

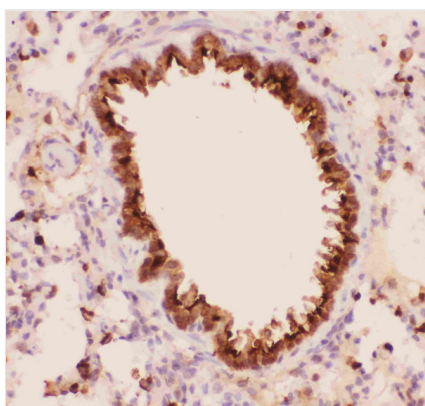
PRODUCT SYNONYMS

Annexin A1; Polyclonal Antibody; Anti-Annexin A1 Antibody; Annexin 1 antibody; Annexin A1 antibody; Annexin I (lipocortin I) antibody; Annexin I antibody; Annexin-1 antibody; AnnexinA1 antibody; AnnexinI antibody; ANX 1 antibody; ANX A1 antibody; ANX1 antibody; ANXA 1 antibody; ANXA1 antibody; ANXA1 protein antibody; ANXA1_HUMAN antibody; Calpactin 2 antibody; Calpactin II antibody; Calpactin-2 antibody; CalpactinII antibody; Chromobindin 9 antibody; Chromobindin-9 antibody; Chromobindin9 antibody; Lipocortin 1 antibody; Lipocortin I antibody; Lipocortin1 antibody; LipocortinI antibody; LPC 1 antibody; LPC1 antibody; p35 antibody; Phospholipase A2 inhibitory protein antibody; annexin A1; anti-ANXA1 antibody

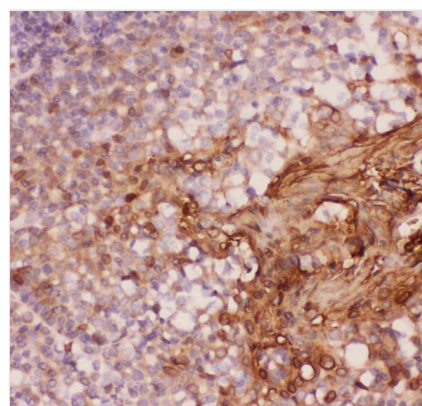
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	346
Applicable Applications for anti-ANXA1 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human Annexin A1 recombinant protein (Position: A2-N346). Human Annexin A1 shares 88% and 89% amino acid (aa) sequences identity with mouse and rat Annexin A1, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

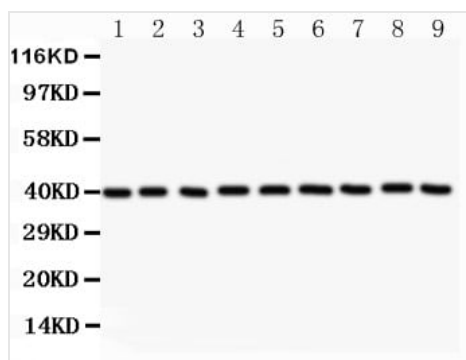
IMAGES



IHC (Immunohistochemistry)
Anti-Annexin A1 Picoband antibody, AAA46052-4.JPGIHC(P): Rat Lung Tissue

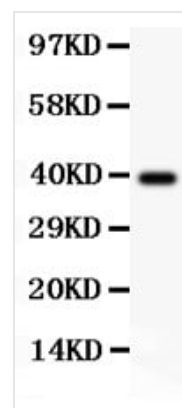


IHC (Immunohistochemistry)
Anti-Annexin A1 Picoband antibody, AAA46052-3.JPGIHC(P): Human Tonsil Tissue



Application Data

Anti-Annexin A1 Picoband antibody, AAA46052-2.jpg All lanes: Anti AnnexinA1 (AAA46052) at 0.5ug/ml Lane 1: HEPG2 Whole Cell Lysate at 40ug Lane 2: MCF-7 Whole Cell Lysate at 40ug Lane 3: U87 Whole Cell Lysate at 40ug Lane 4: PANC Whole Cell Lysate at 40ug Lane 5: SMMC Whole Cell Lysate at 40ug Lane 6: SW620 Whole Cell Lysate at 40ug Lane 7: COLO320 Whole Cell Lysate at 40ug Lane 8: A549 Whole Cell Lysate at 40ug Lane 9: JURKAT Whole Cell Lysate at 40ug Predicted bind size: 39KD Observed bind size: 39KD



Application Data

Anti-Annexin A1 Picoband antibody, AAA46052-1.jpg All lanes: Anti AnnexinA1 (AAA46052) at 0.5ug/ml WB: Recombinant Human AnnexinA1 Protein 0.5ng Predicted bind size: 39KD Observed bind size: 39KD

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA1 antibody

Description: Rabbit IgG polyclonal antibody for Annexin A1(ANXA1) detection. Tested with WB, IHC-P, IHC-F in Human; Mouse; Rat.

Background: ANXA1, also known as lipocortin I or Annexin A1, is a protein that in humans is encoded by the ANXA1 gene. It is mapped to 9q21.13. ANXA1 belongs to a family of Ca(2+)-dependent phospholipid binding proteins which have a molecular weight of approximately 35,000 to 40,000 and are preferentially located on the cytosolic face of the plasma membrane. ANXA1 protein has an apparent relative molecular mass of 40 kDa, with phospholipase A2 inhibitory activity. Lower peptide concentrations possibly found in inflammatory situations elicit Ca(2+) transients without fully activating the mitogen-activated protein kinase pathway. This causes a specific inhibition of the transendothelial migration of neutrophils and a desensitization of neutrophils toward a chemoattractant challenge. These findings identified ANXA1 peptides as novel, endogenous FPR ligands and established a mechanistic basis of ANXA1-mediated antiinflammatory effects.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502101
NCBI GeneID	301
NCBI Accession #	NP_000691.1
NCBI GenBank Nucleotide #	NM_000700.2
UniProt Accession #	P04083
Molecular Weight	38,714 Da
NCBI Official Full Name	annexin A1
NCBI Official Synonym Full Names	annexin A1
NCBI Official Symbol	ANXA1
NCBI Official Synonym Symbols	ANX1; LPC1
NCBI Protein Information	annexin A1; annexin-1; calpactin-2; calpactin II; chromobindin-9; annexin I (lipocortin I); phospholipase A2 inhibitory protein
UniProt Protein Name	Annexin A1
UniProt Gene Name	ANXA1
UniProt Synonym Gene Names	ANX1; LPC1
UniProt Entry Name	ANXA1_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/annexin-a1-antibody-immunohistochemistry-immunohistochemistry-western-blot-elisa/46052>