

Mouse ANXA1 Monoclonal Antibody | anti-ANXA1 antibody

ANXA1 antibody

CATALOG # AAA74741	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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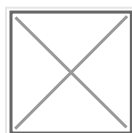
PRODUCT SYNONYMS

ANXA1; Monoclonal Antibody; ANXA1 antibody; Monoclonal ANXA1; Anti-ANXA1; Annexin-1; Lipocortin I; Calpactin II; Chromobindin-9; p35; ANX1; LPC1; Annexin I; AnnexinA1; AnnexinI; ANX 1; ANX A1; ANXA 1; ANXA1 protein; CalpactinII; Chromobindin 9; Chromobindin9; HGNC:533; Lipocortin 1; Lipocortin1; LipocortinI; LPC 1; Phospholipase A2 inhibitory protein; ANXA-1; anti-ANXA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3A8
Purity/Purification	ANXA1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	346
Applicable Applications for anti-ANXA1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	Annexin A1, also known as Lipocortin I, belongs to a family of Ca(2+)-dependent phospholipid binding proteins that are preferentially located on the cytosolic face of the plasma membrane. It promotes membrane fusion and is also involved in exocytosis. Since Annexin A1 has phospholipase A2 inhibitory activity to bind from two to four calcium ions with high affinity, this protein may have potential anti-inflammatory activity. The detection of this protein by immunocytochemical means reportedly provides a simple, highly sensitive and specific assay for hairy cell leukemia. Recombinant human Annexin A1 protein was expressed in E Coli and purified by using conventional chromatography.
Cross-Reactivity	Human
Immunogen	ANXA1 antibody was raised in mouse using a full length recombinant protein of human ANXA1 (NP_000691) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ANXA1 protein (Right) or empty vector (Left) detected with ANXA1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA1 antibody	Mouse monoclonal ANXA1 antibody
Product Categories/Family for anti-ANXA1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502101
NCBI GeneID	301
NCBI Accession #	NP_000691
NCBI GenBank Nucleotide #	NM_000700.1
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
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/monoclonal/anxa1-antibody-clone-3a8-western-blot-immunohistochemistry-immunofluorescence-elisa/74741>