

Rabbit ANXA1 Polyclonal Antibody | anti-ANXA1 antibody

ANXA1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198085	Rabbit	Tested:Human, MousePredicted: Cow, Dog, Guinea Pig, Rat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

ANXA1; Polyclonal Antibody; ANXA1 antibody - N-terminal region; anti-ANXA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested:Human, Mouse Predicted: Cow, Dog, Guinea Pig, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	1.0 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: WF IENEEQEYVQ TVKSSKGGPG SAVSPYPTFN PSSDVAALHK AIMVKGVD
Sequence Length	346
Applicable Applications for anti-ANXA1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 79%; Dog: 79%; Guinea Pig: 79%; Human: 100%; Mouse: 83%; Rat: 82%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ANXA1
Protein Size (#AA)	356 amino acids
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 1 ug/mL of the antibody was used in this experiment.



WB (Western Blot)

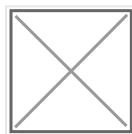
WB Suggested Anti-ANXA1 Antibody Titration: 1.25ug/mL ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate

**WB (Western Blot)**

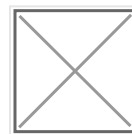
WB Suggested Anti-ANXA1 Antibody/Positive Control: Lane 1: 20ug mouse fibroblast lysates
Primary Antibody Dilution : 1:600
Secondary Antibody : Anti rabbit-HRP
Secondary Antibody Dilution : 1:2000
Submitted by: Anonymous

**WB (Western Blot)**

Host: Rabbit
Target Name: ANXA1
Sample Type: HepG2
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 2.5ug/mL
Peptide Concentration: 2.0ug/mL
Lysate Quantity: 25ug/lane
Gel Concentration: 12%

**WB (Western Blot)**

Host: Rabbit
Target Name: ANXA1
Sample Tissue: Human ACHN
Antibody Dilution: 1.0ug/ml

**IHC (Immunohistochemistry)**

Human Intestine

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA1 antibody	This is a rabbit polyclonal antibody against ANXA1. It was validated on Western Blot and immunohistochemistry Target Description: ANXA1 encodes a protein that 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. Annexin I protein has an apparent relative molecular mass of 40 kDa, with phospholipase A2 inhibitory activity. Since phospholipase A2 is required for the biosynthesis of the potent mediators of inflammation, prostaglandins and leukotrienes, annexin I may have potential anti-inflammatory activity.
Product Categories/Family for anti-ANXA1 antibody	Polyclonal ; Lymphocyte Signaling ; Drugs and Drug Metabolism ; DNA/RNA/Protein Interactions ; Immunohistochemistry ; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502101
NCBI GeneID	301
NCBI Accession #	NP_000691
NCBI GenBank Nucleotide #	NM_000700
UniProt Accession #	P04083
Molecular Weight	39 kDa
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.