

Rabbit anti-Human, Mouse Annexin A6 Polyclonal Antibody | anti-ANXA6 antibody

Annexin A6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320766	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Annexin A6; Polyclonal Antibody; Annexin A6 Antibody; 67 kDa calelectrin; Annexin VI; Annexin VI p68; Annexin-6; AnnexinA6; AnnexinVI; ANX 6; ANX A6; ANX6; ANXA 6; ANXA6; ANXA6_HUMAN; Calcium binding protein p68; Calelectrin; Calphobindin II; Calphobindin-II; CalphobindinII; CBP 68; CBP68; Chromobindin 20; Chromobindin-20; Chromobindin20; CPB II; CPB-II; CPBII; Lipocortin VI; LipocortinVI; p68; p70; Protein III; ProteinIII; anti-ANXA6 antibody

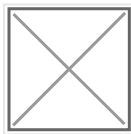
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Annexin A6 antibody detects endogenous levels of total Annexin A6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	673
Applicable Applications for anti-ANXA6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Annexin A6
Subcellular Location	Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Tissue Specificity	By Epstein-Barr virus (EBV).
Predicted Cross Reactivity	Pig, Bovine, Sheep, Dog
Similarity	Pig (91%), Bovine (91%), Sheep (82%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA320766 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of Annexin A6 expression in various lysates. The lane on the right is treated with the antigen-specific peptide.



WB (Western Blot)
Western blot analysis on 293 cell lysate using Annexin A6 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA6 antibody

Description: ANXA6 a calcium/phospholipid-binding protein that may associate with CD21. May regulate the release of Ca(2+) from intracellular stores. Phosphorylated in response to growth factor stimulation. Annexins are a family of structurally related proteins whose common property is calcium-dependent binding to phospholipids. There are at least ten different annexins in mammalian species. Annexins do not contain signal peptides, yet some annexins (A1, A2 and A5) appear to be secreted in a physiologically regulated fashion.

Function: May associate with CD21. May regulate the release of Ca2+ from intracellular stores.

Post-translational Modifications: Phosphorylated in response to growth factor stimulation.

Similarity: A pair of annexin repeats may form one binding site for calcium and phospholipid. Belongs to the annexin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71773329
NCBI GeneID	309
NCBI Accession #	NP_001146.2
NCBI GenBank Nucleotide #	NM_001155.4
UniProt Accession #	P08133; Q6ZT79; B7Z8A7; D3DQH4; E9PGK1
Molecular Weight	Observed: 75 kDa Predicted: 76 kDa
NCBI Official Full Name	annexin A6 isoform 1
NCBI Official Synonym Full Names	annexin A6
NCBI Official Symbol	ANXA6
NCBI Official Synonym Symbols	p68; p70; ANX6; CBP68; CPB-II
NCBI Protein Information	annexin A6
UniProt Protein Name	Annexin A6
UniProt Gene Name	ANXA6
UniProt Synonym Gene Names	ANX6; CPB-II

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/annexin-a6-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320766>