

Rabbit Annexin A6 Polyclonal Antibody | anti-ANXA6 antibody

Annexin A6

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76733	Rabbit	Human, Mouse, Rat, Dog, Equine	Immunofluorescence, Western Blot, Immunocytochemistry

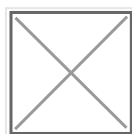
PRODUCT SYNONYMS

Annexin A6; Polyclonal Antibody; anti-ANXA6 antibody

PRODUCT SPECIFICATIONS

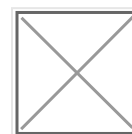
Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog, Equine
Clonality	Polyclonal
Isotype	Rabbit IgG
Form/Format	Liquid. Supplied as an aliquot of serum plus 5mM NaN3
Applicable Applications for anti-ANXA6 antibody	IF (Immunofluorescence), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen	Full length human annexin A6 expressed in and purified from E coli.
Preparation and Storage	Antibody can also be aliquotted and stored frozen at -20 degree C in a manual defrost freezer for sixmonths without detectable loss of activity. The antibody can be stored at 2 degree - 8 degree C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of different cell lines lysates probed with rabbit pAb to annexin A6, AAA76733, dilution 1:10,000 in green: [1] protein standard (red), [2] mouse NIH-3T3, [3] rat C6, [4] human HeLa, [5] human HEK293, [6] dog A72, [7] equine NBL6 and [8] African green monkey COS1 cells. The strong band at about 68kDa corresponds to the annexin A6 protein.



IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells stained with rabbit pAb to annexin A6, AAA76733, dilution 1:2,000 in green, and costain with mouse mAb to beta-tubulin in red. The blue is Hoechst staining of nuclear DNA. The annexin A6 antibody detects protein mainly expressed in spherical cellular membrane protrusions, known as blebs, while the beta-tubulin antibody produces strong staining of cytoplasmic microtubules.

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA6 antibody

The annexins are a large family of related proteins which share the property of binding to phospholipid containing membranes in a Calcium dependent manner. Annexin A6 has a particularly surprising number of alternate names, 19 being listed on the Genecards ANXA6 site. Annexin A6 is normally localized in the cytosol but becomes membrane associated following cellular injury, and so is often seen in "blebs", transient herniations of the plasma membrane associated with apoptosis and more generally indicative of cell stress. Recent studies suggest that annexin A6 functions, in combination with annexin A4, in the repair of cell membranes following cellular injury.

This was made against full length recombinant human annexin A6 expressed in and purified from E coli. The antibody recognizes annexin A6 in human, rodents and many other mammals and can be used as a marker of blebs, indicative of cellular stress.

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	75,873 Da
NCBI Official Full Name	annexin A6 isoform 1
NCBI Official Synonym Full Names	annexin A6
NCBI Official Symbol	ANXA6
NCBI Official Synonym Symbols	ANX6; CBP68
NCBI Protein Information	annexin A6; p68; p70; CPB-II; annexin-6; calelectrin; lipocortin VI; calphobindin II; calphobindin-II; chromobindin-20; annexin VI (p68); 67 kDa calelectrin; calcium-binding protein p68
UniProt Protein Name	Annexin A6
UniProt Gene Name	ANXA6
UniProt Synonym Gene Names	ANX6; CPB-II
UniProt Entry Name	ANXA6_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-a6-antibody-immunofluorescence-western-blot-immunocytochemistry-elisa/76733>