

Rabbit anti-Human Annexin VI/ANXA6 Polyclonal Antibody | anti-ANXA6 antibody

Anti-Annexin VI/ANXA6 Antibody, Rabbit Polyclonal

CATALOG # AAA254320	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Annexin VI/ANXA6; Polyclonal Antibody; Anti-Annexin VI/ANXA6 Antibody; Rabbit Polyclonal; Annexin VI/ANXA6 Antibody; Rabbit PAb; Antigen Affinity Purified; annexin A6; Anti-ANX6 Antibody; Anti-CBP68 Antibody; anti-ANXA6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Annexin VI /ANXA6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ANXA6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the human Annexin VI /ANXA6
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the human Annexin VI /ANXA6, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-ANXA6 rabbit polyclonal antibody at 1:500 dilution Lane A: A549 Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lane C: MOLT4 Whole Cell Lysate Lane D: 293 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 76 kDa Observed band size: 70 kDa



IHC (Immunohistochemistry)

Immunochemical staining of human ANXA6 in human liver with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human ANXA6 in human pancreas with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA6 antibody	Annexin A6, also known as ANXA6 or ANXA6, belongs to a family of Ca2+-dependent membrane and phospholipid binding proteins. Members of this family have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 6 is phosphorylated in vivo associated with cell growth. Annexin 6 was not phosphorylated in quiescent cells, but was phosphorylated on serine and to a lesser extent threonine, several hours following cell stimulation. Experiment has revealed the presence of annexin A6 on the cell surface of variety cells as putative receptors and/or binding proteins for chondroitin sulfate proteoglycans, helping cells to bind with this extracellular matrix glycosaminoglycan chondroitin sulfate which is related to the cell-substratum adhesion. A post-tranlational modification other than direct protein phosphorylation may influence the activity of annexin6 and provide evidence linking cell growth with regulation of annexin 6 function.
References	Takagi H, et al. (2002) Annexin 6 is a putative cell surface receptor for chondroitin sulfate chains. J Cell Sci. 115 (16): 3309-18.Moss SE, et al. (1992) A growth-dependent post-translational modification of annexin VI. Biochim Biophys Acta. 1160 (1): 120-6.Song G, et al. (1998) Altered cardiac annexin mRNA and protein levels in the left ventricle of patients with end-stage heart failure. J Mol Cell Cardio. 30 (3): 443-51.

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.