

Rabbit Annexin VII Polyclonal Antibody | anti-ANXA7 antibody

Annexin VII antibody

CATALOG # AAA107685	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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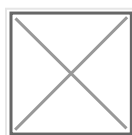
PRODUCT SYNONYMS

Annexin VII; Polyclonal Antibody; Annexin VII antibody; Polyclonal Annexin VII; Anti-Annexin VII; ANXA7; ANX7; SYNEXIN; SNX; annexin-7; annexin A7; annexin VII; anti-ANXA7 antibody

PRODUCT SPECIFICATIONS

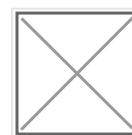
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Annexin VII antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.28 mg/ml (varies by lot)
Sequence Length	488
Applicable Applications for anti-ANXA7 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	Annexin VII is a member of the annexin family of calcium-dependent phospholipid binding proteins. The Annexin VII gene contains 14 exons and spans approximately 34 kb of DNA. An alternatively spliced cassette exon results in two mRNA transcripts of 2.0 and 2.4 kb which are predicted to generate two protein isoforms differing in their N-terminal domain. The alternative splicing event is tissue specific and the mRNA containing the cassette exon is prevalent in brain, heart and skeletal muscle. The transcripts also differ in their 3'-non coding regions by the use of two alternative poly(A) signals. Annexin VII encodes a protein with a molecular weight of approximately 51 kDa with a unique, highly hydrophobic N-terminal domain of 167 amino acids and a conserved C-terminal region of 299 amino acids. The latter domain is composed of alternating hydrophobic and hydrophilic segments.
Cross-Reactivity	Human
Immunogen	Annexin VII antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 122 and 459 of Annexin VII
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 30 ug of whole cell lysate (A:293T; B:A431) using a 7.5 % SDS PAGE gel and Annexin VII antibody at a dilution of 1:2000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Cal27 xenograft using Annexin VII antibody at a dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA7 antibody	Affinity purified Rabbit polyclonal Annexin VII antibody
Product Categories/Family for anti-ANXA7 antibody	Nutrition & Metabolism; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4809279
NCBI GeneID	310
NCBI Accession #	NP_004025.1
NCBI GenBank Nucleotide #	NM_004034.2
UniProt Accession #	P20073; Q5F2H3; Q5T0M6; Q5T0M7
Molecular Weight	53 kDa
NCBI Official Full Name	annexin A7 isoform 2
NCBI Official Synonym Full Names	annexin A7
NCBI Official Symbol	ANXA7
NCBI Official Synonym Symbols	SNX; ANX7; SYNEXIN
NCBI Protein Information	annexin A7
UniProt Protein Name	Annexin A7
UniProt Gene Name	ANXA7
UniProt Synonym Gene Names	ANX7; SNX
UniProt Entry Name	ANXA7_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-vii-antibody-western-blot-immunohistochemistry-elisa/107685>