

Rabbit ANXA7 Polyclonal Antibody | anti-ANXA7 antibody

ANXA7 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198091	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

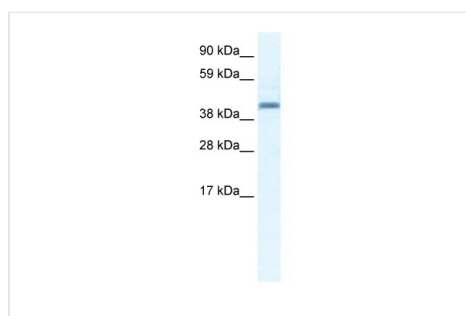
PRODUCT SYNONYMS

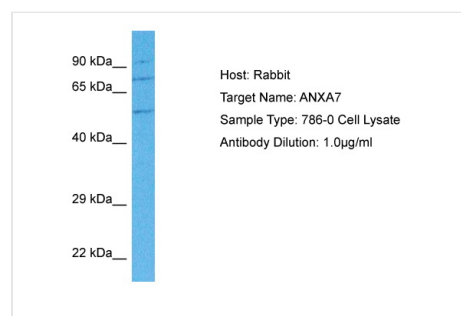
ANXA7; Polyclonal Antibody; ANXA7 antibody - N-terminal region; anti-ANXA7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, 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.
Sequence	Synthetic peptide with the following region: MS YPGYPPTGYP PFPGYPPAGQ ESSFPSPGQY PYPSPGFPPMG GGAYPQVP
Sequence Length	466
Applicable Applications for anti-ANXA7 antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ANXA7
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)

WB Suggested Anti-ANXA7 Antibody Titration: 2.5ug/ml
ELISA Titer: 1:312500
Positive Control: Human Placenta

WB (Western Blot)

Host: Rabbit
Target Name: ANXA7
Sample Tissue: Human 786-0 Whole Cell
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA7 antibody	This is a rabbit polyclonal antibody against ANXA7. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ANXA7 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. The selection of poly(A) signals is independent of the mRNA splicing pattern. 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. Structural analysis of the protein suggests that Annexin VII is a membrane binding protein with diverse properties including voltage-sensitive calcium channel activity, ion selectivity and membrane fusion.
Product Categories/Family for anti-ANXA7 antibody	Polyclonal ; Cardiovascular ; Signal Transduction ; Membrane & Traffic ; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502111
NCBI GeneID	310
NCBI Accession #	NP_001147
NCBI GenBank Nucleotide #	NM_001156
UniProt Accession #	Q5T0M6 ; P20073
Molecular Weight	51kDa
NCBI Official Full Name	annexin A7 isoform 1
NCBI Official Synonym Full Names	annexin A7
NCBI Official Symbol	ANXA7
NCBI Official Synonym Symbols	SNX; ANX7; SYNEXIN
NCBI Protein Information	annexin A7

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/anxa7-antibody-western-blot-elisa/198091>