

Rabbit ANXA7 Polyclonal Antibody | anti-ANXA7 antibody

ANXA7 Antibody (Center)

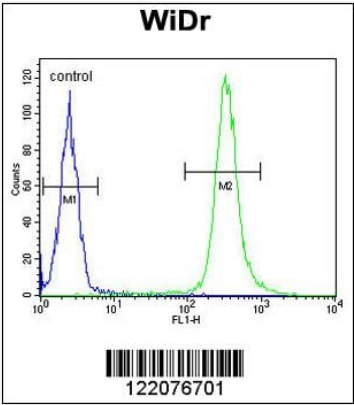
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284853	Rabbit	Human (Predicted Reactivity: Bovine, Monkey, Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

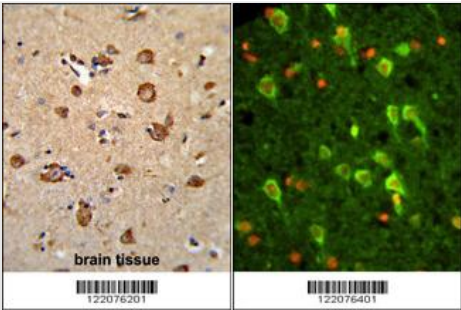
ANXA7; Polyclonal Antibody; ANXA7 Antibody (Center); Annexin A7; Annexin VII; Annexin-7; Synexin; ANX7; SNX; anti-ANXA7 antibody

PRODUCT SPECIFICATIONS

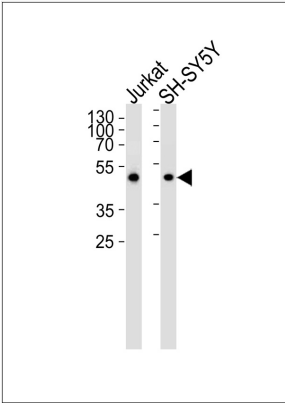
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANXA7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 329-356 amino acids from the Central region of human ANXA7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	329-356
Sequence Length	466
Applicable Applications for anti-ANXA7 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ANXA7 Antibody (Center) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
LEFT)Formalin-fixed and paraffin-embedded human brain tissue reacted with ANXA7 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.(RIGHT)Immunofluorescence analysis of ANXA7 Antibody (Center) with paraffin-embedded human brain tissue. 0.05 mg/ml primary antibody was followed by FITC-conjugated goat anti-rabbit IgG (whole molecule). FITC emits green fluorescence. Red counterstaining is PI.



WB (Western Blot)
ANXA7 Antibody (Center) western blot analysis in Jurkat and SH-SY5Y cell lysates (35ug/lane). This demonstrates that the ANXA7 antibody detected ANXA7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA7 antibody	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. ANXA7 is 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	Crown Antibodies; Signal Transduction
References	Shirvan,A., et.al., Biochemistry 33 (22), 6888-6901 (1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502111
NCBI GeneID	310
NCBI Accession #	NP_001147.1; NP_004025.1
NCBI GenBank Nucleotide #	NM_001156.3

UniProt Accession #	P20073; Q5F2H3; Q5T0M6; Q5T0M7
Molecular Weight	52739
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
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/anxa7-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284853>