

Rabbit Annexin VII Polyclonal Antibody | anti-ANXA7 antibody

Annexin VII Antibody

CATALOG # AAA323011	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Annexin VII; Polyclonal Antibody; Annexin VII Antibody; Annexin A7; Annexin-7; ANX7; ANXA7; ANXA7_HUMAN; SNX; Synexin; anti-ANXA7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Annexin VII antibody detects endogenous levels of Annexin VII.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	466
Applicable Applications for anti-ANXA7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Annexin VII.
Tissue Specificity	Isoform 1 is expressed in brain, heart and skeletal muscle. Isoform 2 is more abundant in liver, lung, kidney, spleen, fibroblasts and placenta.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (90%), Dog (100%), Chicken (100%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Jurkat cells, using Annexin VII antibody.



IHC (Immunohistochemistry)

AAA323011 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from various samples, using Annexin VII antibody. Lane 1: mouse brain treated with blocking peptide. Lane 2: Mouse brain; Lane 3: Hepg2;

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA7 antibody

Function: Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis.
Subunit Structure: Interacts with PDCD6.
Similarity: A pair of annexin repeats may form one binding site for calcium and phospholipid. Belongs to the annexin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502111
NCBI GeneID	310
NCBI Accession #	NP_001147.1
NCBI GenBank Nucleotide #	NM_001156.4
UniProt Accession #	P20073; Q5F2H3; Q5T0M6; Q5T0M7
Molecular Weight	Observed: 47 kDa; 51 kDa Predicted: 53 kDa
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

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-immunohistochemistry-western-blot-elisa/323011>