

DNAxPAb



## ANXA7 DNAxPab

Catalog # H00000310-W01P Size 200 ug

Specification	
Product Description	Rabbit polyclonal antibody raised against a partial-length human ANXA7 DNA using DNAx™ Immun e technology.
Technology	<u>DNAx™ Immune</u>
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot (Transfected lysate)
  <u>Protocol Download</u>
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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## **Product Information**

Entrez GenelD	310
GeneBank Accession#	<u>NM_001156.2</u>
Protein Accession#	<u>NP_001147.1</u>
Gene Name	ANXA7
Gene Alias	ANX7, SNX, SYNEXIN
Gene Description	annexin A7
Omim ID	<u>186360</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	Annexin VII is a member of the annexin family of calcium-dependent phospholipid binding protein s.The Annexin VII gene contains 14 exons and spans approximately 34 kb of DNA. An alternativel y spliced cassette exon results in two mRNA transcripts of 2.0 and 2.4 kb which are predicted to g enerate two protein isoforms differing in their N-terminal domain. The alternative splicing event is t issue 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 re gion of 299 amino acids. The latter domain is composed of alternating hydrophobic and hydrophil ic segments. Structural analysis of the protein suggests that Annexin VII is a membrane binding pr otein with diverse properties, including voltage-sensitive calcium channel activity, ion selectivity an d membrane fusion. [provided by RefSeq
Other Designations	OTTHUMP00000019812 OTTHUMP00000019813 OTTHUMP00000042922 OTTHUMP000000 42923 OTTHUMP00000042925 annexin VII

#### Disease

- <u>Alzheimer Disease</u>
- Genetic Predisposition to Disease