

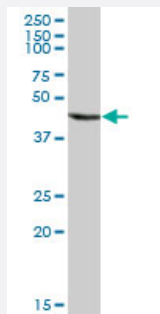
MaxPab®

# ANXA7 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000310-B01P

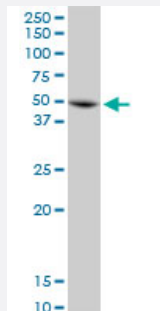
Size 50 ug

## Applications



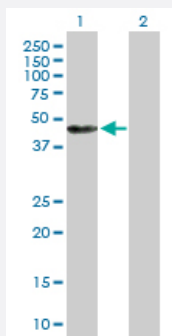
### Western Blot (Tissue lysate)

ANXA7 MaxPab polyclonal antibody. Western Blot analysis of ANXA7 expression in human liver.



### Western Blot (Cell lysate)

ANXA7 MaxPab polyclonal antibody. Western Blot analysis of ANXA7 expression in HeLa.

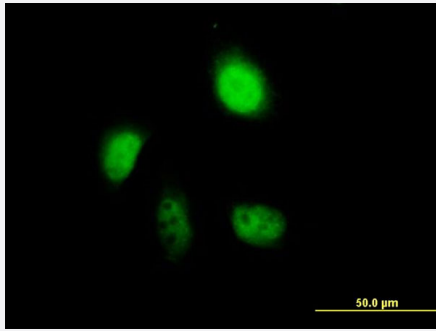


### Western Blot (Transfected lysate)

Western Blot analysis of ANXA7 expression in transfected 293T cell line ([H00000310-T01](#)) by ANXA7 MaxPab polyclonal antibody.

Lane 1: ANXA7 transfected lysate(51.26 KDa).

Lane 2: Non-transfected lysate.



## Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ANXA7 on HeLa cell.  
[antibody concentration 10 ug/ml]

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a full-length human ANXA7 protein.
<b>Immunogen</b>	ANXA7 (NP_001147.1, 1 a.a. ~ 466 a.a) full-length human protein.
<b>Sequence</b>	MSYPGYPTGYPPFPGYPPAGQESSFPSPGQYPYPSGFPPMGGGAYPQVPSSGYPGAGGYPPAPGGYPAPGGYPGAPQPGGAPSYPGVPPGQGFGVPPGGAGFSGYPQPPSQSYGGGPAQVPLPGGFPGGQMPSQYPGGQPTYPSPQATVTQVTQGTIRPAANFDAIRDAEILRKAMKGFGTDEQAIVDVVANRSNDQRQKIKAAFKTSYGKDLIKDLKSELSGNMEELILALFMPPTYDAWSLRKAMQGAGTQERVLIEILCTR TNQEIREIVRCYQSEFGRDLEKDIRSDTSGHFERLLVSMCQGNRDENQSIHQMAQEDAQRLYQAGEGRLGTDESCFNMILATRSFPQLRATMEAYS RMANRDLLSSVSREFSGYVESGLKTILQCALNRPAFFAERLYAMKGAGTDDSTLVRMVTRSEIDL VQIKQMFAQMYQKTLGTMIAGDTSGDYRRLLLAVGQ
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (81); Rat (90)
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Tissue lysate)

ANXA7 MaxPab polyclonal antibody. Western Blot analysis of ANXA7 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

ANXA7 MaxPab polyclonal antibody. Western Blot analysis of ANXA7 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ANXA7 expression in transfected 293T cell line ([H00000310-T01](#)) by ANXA7 MaxPab polyclonal antibody.

Lane 1: ANXA7 transfected lysate(51.26 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ANXA7 on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — ANXA7

Entrez GeneID [310](#)

GeneBank Accession# [NM\\_001156.2](#)

Protein Accession# [NP\\_001147.1](#)

Gene Name ANXA7

Gene Alias ANX7, SNX, SYNEXIN

Gene Description annexin A7

Omim ID [186360](#)

Gene Ontology [Hyperlink](#)

### Gene Summary

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. 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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000019812|OTTHUMP00000019813|OTTHUMP00000042922|OTTHUMP00000042923|OTTHUMP00000042925|annexin VII

**Disease**

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)