

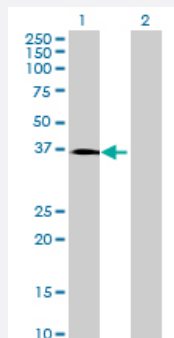
MaxPab®

# ACRV1 MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000056-B02P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of ACRV1 expression in transfected 293T cell line ([H00000056-T02](#)) by ACRV1 MaxPab polyclonal antibody.

Lane 1: ACRV1 transfected lysate (29.15 kDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ACRV1 protein.
Immunogen	ACRV1 (NP_001603, 1 a.a. ~ 265 a.a) full-length human protein.
Sequence	MNRFLLLMSLYLLGSARGTSSQPNELSGSIDHQTSVQQLPGEFFSLENPSDAEALYETSSGLNTL SEHGSSEHGSSKHTVAEHTSGEHAESEHASGEPATEHAEGEHTVGEQPSGEQPSGEHLSGE QPLSELESGEQPSDEQPSGEHGSGEQPSGEQASGEQPSGEHASGEQASGAPISSTSTGTILNC YTCAVMNDQGKCLRGEGTCITQNSQQCMLKKIFEGGKLQFMVQGCENMCPSPMNLFSHGTRMQII CCRNQSFCKNI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (62); Rat (61)
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.

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[Protocol Download](#)

## Gene Info — ACRV1

Entrez GeneID [56](#)

GeneBank Accession# [NM\\_001612](#)

Protein Accession# [NP\\_001603](#)

Gene Name ACRV1

Gene Alias D11S4365, SP-10, SPACA2

Gene Description acrosomal vesicle protein 1

Omim ID [102525](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a testis-specific, differentiation antigen, acrosomal vesicle protein 1, that arises within the acrosomal vesicle during spermatogenesis, and is associated with the acrosomal membranes and matrix of mature sperm. This gene consists of 4 exons and its alternative splicing generates multiple distinct transcripts, which encode protein isoforms ranging from 81 to 265 amino acids. The longest transcript is the most abundant, comprising 53-72% of the total acrosomal vesicle protein 1 messages; the second largest transcript comprises 15-32%; the third and the fourth largest transcripts account for 3.4-8.3% and 8.7-12.5%, respectively; and the remaining transcripts combined account for < 1% of the total acrosomal vesicle protein 1 message. It is suggested that phenomena of cryptic splicing and exon skipping occur within this gene. The acrosomal vesicle protein 1 may be involved in sperm-zona binding or penetration, and it is a potential contraceptive vaccine immunogen for humans. [provided by RefSeq]

**Other Designations** sperm protein 10