

DNAXPAb

Hard-to-Find
Antibody

ACRV1 DNAXPab

Catalog # H00000056-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACRV1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MNRFLLLSLYLLGSARGTSSQPNELSGSIDHQTSVQQLPGEFFSLENPSDAEALYETSSGLNTL SEHGSSEHGSSKHTVAEHTSGEHAESEHASGEPAAATEHAEGEHTVGEQPSGEQPSGEHLSGE QPLSELESGEQPSDEQPSGEHGSGEQPSGEQASGEQPSGEHASGEQASGAPISSTSTGTILNC YTCAYMNDQGKCLRGEGTCITQNSQQCMLKKIFEGGKLQFMVQGCENMCP SMNLFSHGTRMQII CCRNQSFCKNI
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (62); Rat (61)
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ACRV1

Entrez GeneID [56](#)

GeneBank Accession# [NM_001612.4](#)

Protein Accession# [NP_001603.1](#)

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