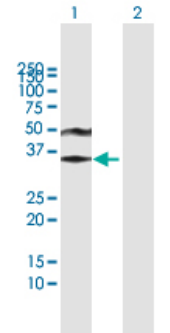
MaxPab®

ACRV1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000056-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ACRV1 expression in transfected 293T cell line (H00000056-T01) by ACRV1 MaxPab polyclonal antibody.

Lane 1: ACRV1 transfected lysate(29.26 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ACRV1 protein.
Immunogen	ACRV1 (AAH14588, 1 a.a. ~ 265 a.a) full-length human protein.
Sequence	MNRFLLLMSLYLLGPARGTSSQPNELSGSIDHQTSVQQLPGEFFSLENPSDAEALYETSSGLNTL SEHGSSEHGSSKHTVAEHTSGEHAESEHASGEPAATEHAEGEHTVGEQPSGEQPSGEHLSGE QPLSELESGEQPSDEQPSGEHGSGEQPSGEQASGEQPSGEHASGEQASGAPISSTSTGTILNC YTCAYMNDQGKCLRGEGTCITQNSQQCMLKKIFEGGKLQFMVQGCENMCPSMNLFSHGTRMQII CCRNQSFCNKI
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#	BC014588
Protein Accession#	AAH14588
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 aris es within the acrosomal vesicle during spermatogenesis, and is associated with the acrosomal m embranes and matrix of mature sperm. This gene consists of 4 exons and its alternative splicing g enerates multiple distinct transcripts, which encode protein isoforms ranging from 81 to 265 amin o acids. The longest transcript is the most abundant, comprising 53-72% of the total acrosomal ve sicle protein 1 messages; the second largest transcript comprises 15-32%; the third and the fourt h largest transcripts account for 3.4-8.3% and 8.7-12.5%, respectively; and the remaining transcri pts combined account for < 1% of the total acrosomal vesicle protein 1 message. It is suggested t hat phenomena of cryptic splicing and exon skipping occur within this gene. The acrosomal vesicl e protein 1 may be involved in sperm-zona binding or penetration, and it is a potential contracepti ve vaccine immunogen for humans. [provided by RefSeq
Other Designations	sperm protein 10