

Rabbit anti-Human ACRV1 Polyclonal Antibody | anti-ACRV1 antibody

ACRV1 Antibody

CATALOG # AAA118419	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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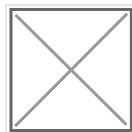
PRODUCT SYNONYMS

ACRV1; Polyclonal Antibody; ACRV1 Antibody; Acrosomal vesicle protein 1; anti-ACRV1 antibody

PRODUCT SPECIFICATIONS

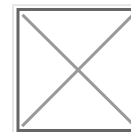
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	265
Applicable Applications for anti-ACRV1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Acrosomal protein SP-10 protein (22-265aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-167040
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA118419 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: ACRV1 antibody at 4ug/mlLane 1:mouse liver tissueLane 2:mouse gonad tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 29,27,23,21,20,19,18,17,14,9 kDaObserved band size: 28 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ACRV1 antibody

ACRV1 (acrosomal vesicle protein 1), also known as acrosomal protein SP-10 or SPACA2, is a 265 amino acid protein. ACRV1 is encoded by a gene that maps to human chromosome 11q24.2, at the junction between 11q23 and 11q24. Containing four exons, ACRV1 may experience cryptic splicing and exon skipping. ACRV1 exists as 11 alternatively spliced isoforms and may be involved in sperm-zona binding or penetration. ACRV1 encodes a testis-specific, differentiation antigen, acrosomal vesicle protein 1 that originates in the acrosomal vesicle during spermatogenesis, and is affiliated with acrosomal membranes and mature sperm matrix. ACRV1 is a potential contraceptive vaccine immunogen.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501879
NCBI GeneID	56
NCBI Accession #	NP_001603.1
NCBI GenBank Nucleotide #	NM_001612.5
UniProt Accession #	P26436; Q53FF4; AAB34927; AAB34928; AAB34929; AAB34930; AAB34931; AAB34933; AAB34935; AAB34936
Molecular Weight	9,030 Da
NCBI Official Full Name	acrosomal protein SP-10 isoform a
NCBI Official Synonym Full Names	acrosomal vesicle protein 1
NCBI Official Symbol	ACRV1
NCBI Official Synonym Symbols	SP-10; SPACA2; D11S4365
NCBI Protein Information	acrosomal protein SP-10
UniProt Protein Name	Acrosomal protein SP-10
UniProt Gene Name	ACRV1
UniProt Entry Name	ASPX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acrv1-antibody-immunohistochemistry-western-blot-elisa/118419>