

Datasheet for ABIN7143026
anti-ACRV1 antibody (AA 22-265)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	ACRV1
Binding Specificity:	AA 22-265
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACRV1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Acrosomal protein SP-10 protein (22-265AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	ACRV1
Alternative Name:	ACRV1 (ACRV1 Products)
Background:	Background: 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

Target Details

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.

Aliases: Acrosomal protein SP 10 antibody, Acrosomal protein SP-10 antibody, Acrosomal vesicle protein 1 antibody, ACRV1 antibody, ASPX_HUMAN antibody, D11S4365 antibody, Msa63 antibody, SP 10 antibody, Sp10 antibody, SPACA2 antibody, Sperm protein 10 antibody

UniProt: [P26436](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

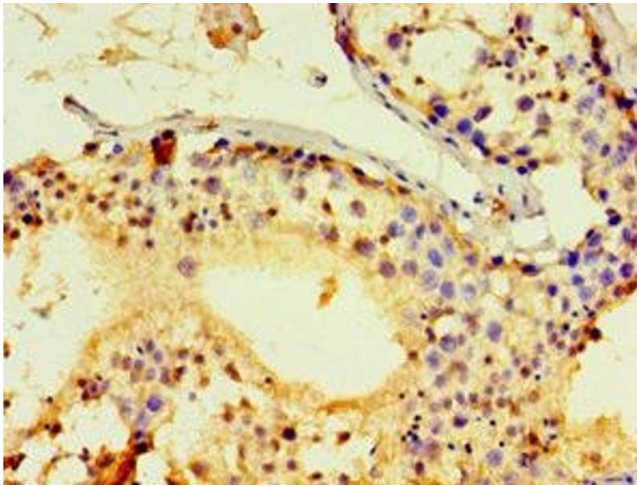
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

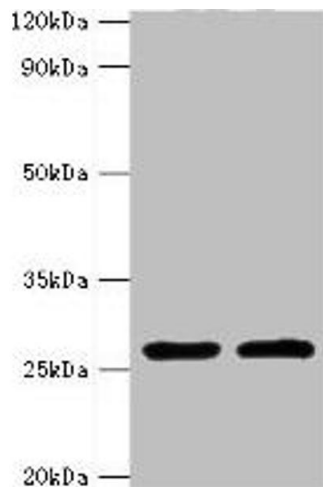
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7143026 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: ACRV1 antibody at 4 µg/mL
Lane 1: Mouse liver tissue Lane 2: Mouse gonad tissue
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 29, 27, 23, 21, 20, 19, 18, 17, 14, 9 kDa
Observed band size: 29 kDa