

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

ACRBP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324047	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ACRBP; Polyclonal Antibody; ACRBP Antibody; ACRBP_HUMAN; acrosin binding protein; Acrosin binding protein precursor; Acrosin-binding protein; Cancer/testis antigen 23; Cancer/testis antigen OY TES 1; Cancer/testis antigen OY-TES-1; CT23; FLJ51160; OY TES 1; Proacrosin binding protein sp32; Proacrosin-binding protein sp32; SP32; anti-ACRBP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ACRBP antibody detects endogenous levels of total ACRBP
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	543
Applicable Applications for anti-ACRBP antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted. Cytoplasmic Vesicle, Secretory Vesicle, Acrosome. Colocalizes with proacrosin in the acrosome of sperm.
Tissue Specificity	Expression restricted to testis in normal tissue. Expressed in a wide spectrum of cancers, including bladder, breast, liver, lung and colon cancers.
Predicted Cross Reactivity	Pig, Bovine, Horse, Dog
Similarity	Pig (89%), Bovine (88%), Horse (88%), Dog (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324047 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 cells using ACRBP antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ACRBP antibody	Function: May be involved in packaging and condensation of the acrosin zymogen in the acrosomal matrix via its association with proacrosin. Subunit Structure: Binds proacrosin. Post-translational Modifications: The N-terminus is blocked. Phosphorylated on Tyr residues in capacitated sperm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17999524
NCBI GeneID	84519
NCBI Accession #	NP_115878.2
NCBI GenBank Nucleotide #	NM_032489.2
UniProt Accession #	Q8NEB7; Q9BY87
Molecular Weight	Observed: 61 kD Predicted: 62 kDa
NCBI Official Full Name	acrosin-binding protein
NCBI Official Synonym Full Names	acrosin binding protein
NCBI Official Symbol	ACRBP
NCBI Official Synonym Symbols	CT23; SP32; OY-TES-1
NCBI Protein Information	acrosin-binding protein
UniProt Protein Name	Acrosin-binding protein
UniProt Gene Name	ACRBP
UniProt Synonym Gene Names	CT23

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/acrbp-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324047>