

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

ACR Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289366	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

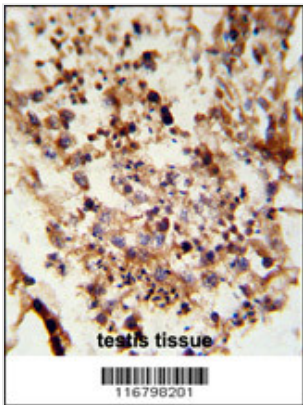
PRODUCT SYNONYMS

ACR; Polyclonal Antibody; ACR Antibody (C-term); Acrosin; Acrosin light chain; Acrosin heavy chain; ACRS; anti-ACR antibody

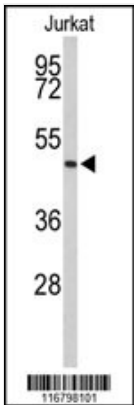
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ACR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 387-416 amino acids from the C-terminal region of human ACR.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	387-416
Sequence Length	421
Applicable Applications for anti-ACR antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with ACR Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ACR Antibody (C-term) in Jurkat cell line lysates (35ug/lane). ACR (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ACR antibody	ACR is the major proteinase present in the acrosome of mature spermatozoa. It is a typical serine proteinase with trypsin-like specificity. It is stored in the acrosome in its precursor form, proacrosin. The active enzyme functions in the lysis of the zona pellucida, thus facilitating penetration of the sperm through the innermost glycoprotein layers of the ovum. The mRNA for proacrosin is synthesized only in the postmeiotic stages of spermatogenesis. In humans proacrosin first appears in the haploid spermatids.
Product Categories/Family for anti-ACR antibody	Cell Biology
References	Dube,C., et.al., J. Androl. 26 (4), 519-528 (2005) Furlong,L.I., et.al., Fertil. Steril. 83 (6), 1791-1796 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148613878
NCBI GeneID	49
NCBI Accession #	NP_001088.2
NCBI GenBank Nucleotide #	NM_001097.2
UniProt Accession #	P10323; Q6ICK2
Molecular Weight	45847
NCBI Official Full Name	acrosin
NCBI Official Synonym Full Names	acrosin
NCBI Official Symbol	ACR
NCBI Protein Information	acrosin
UniProt Protein Name	Acrosin
UniProt Gene Name	ACR
UniProt Synonym Gene Names	ACRS
UniProt Entry Name	ACRO_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/acr-antibody-immunohistochemistry-western-blot-elisa/289366>