

Rabbit Acrosin Polyclonal Antibody | anti-ACR antibody

Acrosin Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319050	Rabbit	Human, Rat, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Acrosin; Polyclonal Antibody; Acrosin Rabbit Polyclonal Antibody; ACR; ACRS; BH6842; anti-ACR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	Acrosin Polyclonal Antibody detects endogenous levels of Acrosin protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ACR antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from Acrosin. at AA range: 40-120
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



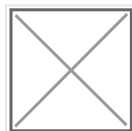
WB (Western Blot)

Western Blot analysis of various cells using Acrosin Polyclonal Antibody



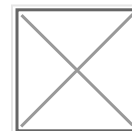
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human testis. 1, Antibody was diluted at 1:100(4 degree overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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ADDITIONAL INFORMATION

Related Product Information for anti-ACR antibody	Acrosin 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. [Provided By Refseq, Jul 2008]
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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	45,847 Da
NCBI Official Full Name	acrosin
NCBI Official Synonym Full Names	acrosin
NCBI Official Symbol	ACR
NCBI Protein Information	acrosin; proacrosin; preproacrosin; acrosin light and heavy chain prepropeptide
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/acrosin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/319050>