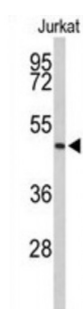
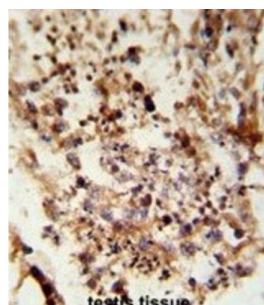


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Acrosin (ACR) Antibody

Catalogue No.: abx034218



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.

Target:	ACR
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Human ACR.
Purification:	Purified Rabbit Polyclonal Antibody.
Isotype:	IgG

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Conjugation: Unconjugated

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.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [P10323](#)

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Note: This product is for research use only.