

## Product datasheet for **TA358324**

### Acrosin (ACR) Rabbit Polyclonal Antibody

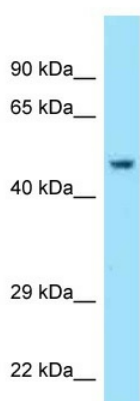
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Horse, Human, Sheep <b>Homology:</b> Cow: 79%; Horse: 79%; Human: 100%; Sheep: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	46kDa
Gene Name:	acrosin
Database Link:	<a href="#">NP_001088</a> <a href="#">Entrez Gene 49 Human P10323</a>
Background:	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.
Synonyms:	acrosin; ACRS; preproacrosin; proacrosin



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Protein Families: Druggable Genome, Protease

**Product images:**

WB Suggested Anti-ACR Antibody  
Titration: 1.0 ug/ml  
Positive Control: Fetal Lung