

Datasheet for ABIN1415147

**anti-Acrosin antibody (AA 201-300) (Cy5)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                   |
| Target:              | Acrosin (ACR)                                                                                                                                            |
| Binding Specificity: | AA 201-300                                                                                                                                               |
| Reactivity:          | Human, Rat, Mouse, Goat                                                                                                                                  |
| Host:                | Rabbit                                                                                                                                                   |
| Clonality:           | Polyclonal                                                                                                                                               |
| Conjugate:           | This Acrosin antibody is conjugated to Cy5                                                                                                               |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Acrosin |
| Isotype:              | IgG                                                         |
| Cross-Reactivity:     | Goat, Human, Mouse, Rat                                     |
| Predicted Reactivity: | Dog,Cow,Sheep,Pig,Horse,Rabbit                              |
| Purification:         | Purified by Protein A.                                      |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | Acrosin (ACR)                            |
| Alternative Name: | Acrosin ( <a href="#">ACR Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                   |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: Acrosin, ACR, ACRS<br><br>Background: Acrosin is the major protease of mammalian spermatozoa. It is a serine protease of trypsin-like cleavage specificity, it is synthesized in a zymogen form, proacrosin and stored in the acrosome. |
| Gene ID:    | 49                                                                                                                                                                                                                                                |
| UniProt:    | <a href="#">P10323</a>                                                                                                                                                                                                                            |
| Pathways:   | <a href="#">cAMP Metabolic Process</a>                                                                                                                                                                                                            |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |