



[Go to Product page](#)

Datasheet for ABIN2785511  
**anti-CABYR antibody (Middle Region)**

1 Image

Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | CABYR   |
| Binding Specificity: | Middle Region                                   |
| Reactivity:          | Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Pig |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This CABYR antibody is un-conjugated            |
| Application:         | Western Blotting (WB)                           |

Product Details

|                       |  |
|-----------------------|--|
| Sequence:             | SKVPTQMEKS TDTDEDNVT R TEYSDKTTQF PSVYAVPGTE QTEAVGGLSS                                  |
| Predicted Reactivity: | Cow: 82%, Dog: 82%, Horse: 82%, Human: 100%, Mouse: 91%, Pig: 83%, Rabbit: 85%, Rat: 91% |
| Characteristics:      | This is a rabbit polyclonal antibody against CABYR. It was validated on Western Blot.    |
| Purification:         | Affinity Purified  |

Target Details

|                   |  |
|-------------------|--|
| Target:           | CABYR  |
| Alternative Name: | CABYR ( <a href="#">CABYR Products</a> )   |
| Background:       | To reach fertilization competence, spermatozoa undergo a series of morphological and molecular maturational processes, termed capacitation, involving protein tyrosine |

## Target Details

---

phosphorylation and increased intracellular calcium. The protein encoded by this gene localizes to the principal piece of the sperm flagellum in association with the fibrous sheath and exhibits calcium-binding when phosphorylated during capacitation. A pseudogene on chromosome 3 has been identified for this gene. Transcript variants of this gene encode multiple protein isoforms. An additional transcript and isoform has not been fully characterized.

Alias Symbols: CBP86, CT88, FSP-2, FSP2, MGC9117, CABYRa, CABYRc, CABYRe, CABYRc/d

Protein Interaction Partner: PAXIP1, BRCA1, GSK3B,

Protein Size: 221

---

Molecular Weight: 24 kDa

---

Gene ID: 26256

---

NCBI Accession: [NM\\_153770](#), [NP\\_722454](#)

## Application Details

---

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

---

Comment: Antigen size: 221 AA

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Concentration: Lot specific

---

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

---

Preservative: Sodium azide

---

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

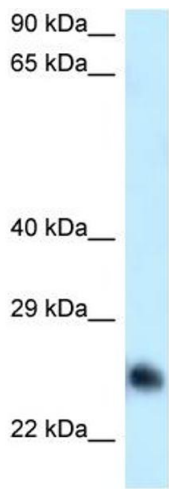
Handling Advice: Avoid repeated freeze-thaw cycles.

---

Storage: -20 °C

---

Storage Comment: 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.



Rabbit Anti-CABYR Antibody  
Catalog Number: ARP53673  
Lot Number: QC26003  
Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

### Western Blotting

Image 1.