

Product datasheet for **TA357138**

CABYR Rabbit Polyclonal Antibody

Product data:

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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Specificity: | Expected reactivity: Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat Homology: Cow: 82%; Dog: 82%; Horse: 82%; Human: 100%; Mouse: 91%; Pig: 83%; Rabbit: 85%; Rat: 91% |
| 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: | 24kDa |
| Gene Name: | calcium binding tyrosine phosphorylation regulated |
| Database Link: | NP_722454 Entrez Gene 26256 Human O75952-5 |



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Background:

To reach fertilization competence, spermatozoa undergo a series of morphological and molecular maturational processes, termed capacitation, involving protein tyrosine 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.

Synonyms:

CBP86; CT88; Fibrousheathin-2; FSP-2; FSP2; MGC9117

Product images:

WB Suggested Anti-CABYR Antibody
Titration: 1.0 ug/ml
Positive Control: HepG2 Whole Cell