

## Product datasheet for **TA305837**

### Actl7b Goat Polyclonal Antibody

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | WB  |
| Recommended Dilution: | WB: 0.03-0.1ug/ml.  |
| Reactivity:           | Rat (Expected from sequence similarity: Mouse)  |
| Host:                 | Goat  |
| Isotype:              | IgG   |
| Clonality:            | Polyclonal  |
| Immunogen:            | Peptide with sequence C-DELHVDYELPDGK, from the internal region of the protein sequence according to NP_079547.1.   |
| Formulation:          | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin  |
| Concentration:        | lot specific  |
| Purification:         | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing. |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Gene Name:            | actin-like 7b   |
| Database Link:        | <a href="#">NP_079547</a><br><a href="#">Entrez Gene 313183 RatEntrez Gene 11471 Mouse</a><br><a href="#">Q9QY83</a>  |



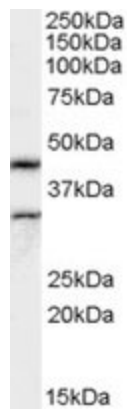
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**Background:**

Atrophin-1 contains a polyglutamine repeat, expansion of which is responsible for dentatorubral and pallidoluysian atrophy. The protein encoded by this gene interacts with atrophin-1. This encoded protein is a closely related member of the NEDD4-like protein family. This family of proteins are E3 ubiquitin-ligase molecules and regulate key trafficking decisions, including targeting of proteins to proteosomes or lysosomes. This encoded protein contains four tandem WW domains and a HECT (homologous to the E6-associated protein carboxyl terminus) domain. It can act as a transcriptional corepressor of p45/NFE2 and may participate in the regulation of immune responses by modifying Notch-mediated signaling. It is highly similar to the mouse Itch protein, which has been implicated in the regulation and differentiation of erythroid and lymphoid cells. [provided by RefSeq]

**Synonyms:**

Actin-like-7-beta; Tact1

**Product images:**

TA305837 (0.5ug/ml) staining of Rat Testes lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.