

Product datasheet for TA303311

ACTL7B Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

WB **Applications:**

Recommended Dilution: ELISA: 1:128,000. WB: 0.03-0.1µg/ml.

Reactivity: Human Host: Goat Isotype: lgG

Clonality: Polyclonal

Immunogen: Peptide with sequence C-QLKMKPRKVHKIK, from the internal region of the protein sequence

according to NP 006677.1.

Formulation: Supplied at 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 -20°C. Minimize

freezing and thawing.

Conjugation: Unconjugated

Store at -20°C as received. Storage:

Stability: Stable for 12 months from date of receipt.

Gene Name: actin like 7B Database Link: NP 006677

Entrez Gene 10880 Human

Q9Y614



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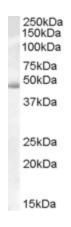


Background:

The protein encoded by this gene is a member of a family of actin-related proteins (ARPs) which share significant amino acid sequence identity to conventional actins. Both actins and ARPs have an actin fold, which is an ATP-binding cleft, as a common feature. The ARPs are involved in diverse cellular processes, including vesicular transport, spindle orientation, nuclear migration and chromatin remodeling. This gene (ACTL7B), and related gene, ACTL7A, are intronless, and are located approximately 4 kb apart in a head-to-head orientation within the familial dysautonomia candidate region on 9q31. Based on mutational analysis of the ACTL7B gene in patients with this disorder, it was concluded that it is unlikely to be involved in the pathogenesis of dysautonomia. Unlike ACTL7A, the ACTL7B gene is expressed predominantly in the testis, however, its exact function is not known. [provided by RefSeq]. COMPLETENESS: complete on the 3' end.

Synonyms: Tact1

Product images:



TA303311 (0.03ug/ml) staining of human testis lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.