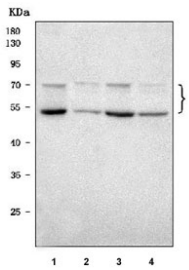
TSNAXIP1 Antibody / Translin-associated factor X-interacting protein 1 (RQ7671)

Catalog No.	Formulation	Size
RQ7671	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q2TAA8
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This TSNAXIP1 antibody is available for research use only.



Western blot testing of 1) human SH-SY5Y, 2) rat testis, 3) rat C6 and 4) mouse testis tissue lysate with TSNAXIP1 antibody. Predicted molecular weight: 42-77 kDa (multiple isoforms).

Description

Using mouse Trax as bait in a yeast 2-hybrid screen, Bray et al. (2002) cloned Tsnaxip1 from a mouse testis cDNA library. The deduced protein contains 709 amino acids and has a coiled-coil structure. Mouse Tsnaxip1 shares 74% homology with the predicted human protein. Northern blot analysis of mouse tissues detected a 2.8-kb transcript only in testis. Northern blot analysis of Tsnaxip1 in developing germ cells indicated predominantly postmeiotic expression. Fluorescence-tagged Tsnaxip1 transfected into mouse fibroblasts showed a cytoplasmic distribution and concentrated

staining around the nucleus. Predicted to be involved in cell differentiation and spermatogenesis. Predicted to be located in perinuclear region of cytoplasm. Predicted to be active in cytoplasm

Application Notes

Optimal dilution of the TSNAXIP1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-E622) was used as the immunogen for the TSNAXIP1 antibody.

Storage

After reconstitution, the TSNAXIP1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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