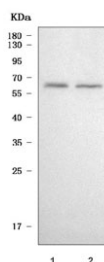


TULP3 Antibody / Tubby-related protein 3 (RQ7673)

Catalog No.	Formulation	Size
RQ7673	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O75386
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This TULP3 antibody is available for research use only.



Western blot testing of human 1) SH-SY5Y and 2) 293T cell lysate with TULP3 antibody. Predicted molecular weight ~50 kDa, ~57 kDa and ~19 kDa (multiple isoforms).

Description

This gene encodes a member of the tubby gene family of bipartite transcription factors. Members of this family have been identified in plants, vertebrates, and invertebrates, and they share a conserved N-terminal transcription activation region and a conserved C-terminal DNA and phosphatidylinositol-phosphate binding region. The encoded protein binds to phosphoinositides in the plasma membrane via its C-terminal region and probably functions as a membrane-bound transcription regulator that translocates to the nucleus in response to phosphoinositide hydrolysis, for instance, induced by G-protein-coupled-receptor signaling. It plays an important role in neuronal development and function. Two transcript variants encoding distinct isoforms have been identified for this gene.

Application Notes

Optimal dilution of the TULP3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids P62-H362) was used as the immunogen for the TULP3 antibody.

Storage

After reconstitution, the TULP3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.