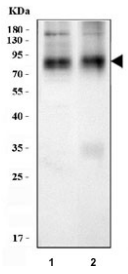
NTT4 Antibody / SLC6A17 (RQ7678)

Catalog No.	Formulation	Size
RQ7678	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	Q9H1V8
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This NTT4 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain tissue lysate with NTT4 antibody. Predicted molecular weight ~81 kDa.

Description

The protein encoded by this gene is a member of the SLC6 family of transporters, which are responsible for the presynaptic uptake of most neurotransmitters. The encoded vesicular transporter is selective for proline, glycine, leucine and alanine. In mouse, the strongest expression of this gene was in cortical and hippocampal tissues where expression increased during embryonic brain development and peaked postnatally. Defects in this gene cause a form of autosomal recessive intellectual disability.

Application Notes

Optimal dilution of the NTT4 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-Y694) was used as the immunogen for the NTT4 antibody.

Storage

After reconstitution, the NTT4 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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