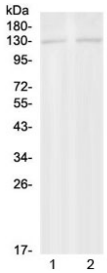
PSD Antibody / PH and SEC7 domain-containing protein 1 (RQ4406)

Catalog No.	Formulation	Size
RQ4406	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 and 0.025% sodium azide
UniProt	A5PKW4
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml (recombinant human protein) (BSA-free format available)
Limitations	This PSD antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain with PSD antibody at 0.5ug/ml. Predicted molecular weight ~109 kDa.

Description

PSD, also called EFA6A, is 63% identical to EFA6B (PSD4) and contains a Sec7 domain adjacent to a PH domain, followed by a C-terminal coiled-coil motif. This gene is mapped to chromosome 10q24. And it encodes a Plekstrin homology and SEC7 domains-containing protein that functions as a guanine nucleotide exchange factor. The encoded protein regulates signal transduction by activating ADP-ribosylation factor 6. Alternative splicing results in multiple transcript variants.

Application Notes

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

Immunogen

A human partial recombinant protein corresponding to amino acids T536-K803 was used as the immunogen for the PSD antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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