

Datasheet for ABIN1742241

anti-SNAP alpha/beta antibody

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Overview

Quantity:	100 µg
Target:	SNAP alpha/beta
Reactivity:	Human, Rat, Mouse, Zebrafish (Danio rerio)
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant full length rat alpha SNAP
Clone:	77-1
Isotype:	IgG2b
Specificity:	Specific for alpha- and beta SNAP
Cross-Reactivity (Details):	does not cross-react to gamma SNAP.
Purification:	purified IgG

Target Details

Target:	SNAP alpha/beta
Abstract:	SNAP alpha/beta Products

Application Details

Application Notes: WB: 1 : 1000 up to 1 : 10000 (AP staining)
ICC: no (denaturation of the antigen during fixation)
IHC: not tested yet

Comment: The antibody does not immunoprecipitate the 20 S SNARE-complex.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: For reconstitution add 100 µL H₂O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.

Buffer: PBS

Handling Advice: Do not store diluted antibody solutions unless you add detergent or carrier proteins such as goat serum, BSA or others. IgG sticks to glass and plastic. Any IgG solution below 0.1 mg/mL protein will quickly adsorb and denature and thus lose activity! Repetitive freeze-thawing of dilute purified IgG is almost certain to lead to substantial losses.

Storage: -20 °C

Storage Comment: Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.

Publications

Product cited in: Wiedemann, Giehl, Almo, Fedorov, Girvin, Steinberger, Rüdiger, Ortner, Sippl, Dolecek, Kraft, Jockusch, Valenta: "Molecular and structural analysis of a continuous birch profilin epitope defined by a monoclonal antibody." in: **The Journal of biological chemistry**, Vol. 271, Issue 47, pp. 29915-21, (1997) ([PubMed](#)).



Western Blotting

Image 1. dilution: 1 : 1000, sample: crude synaptosomal fraction of rat brain (P2)