

Datasheet for ABIN1742366  
**anti-Neurexin 1/2/3 antibody (AA 1328-1421)**[Go to Product page](#)**1** Image**2** Publications

## Overview

Quantity:	50 µg
Target:	Neurexin 1/2/3 (NRXN1/2/3)
Binding Specificity:	AA 1328-1421
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant protein (aa 1328-1421) of rat alpha-neurexin 1.
Specificity:	Specific for neurexin 1. The epitope is present in alpha- and beta-neurexin 1.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

## Target Details

Target:	Neurexin 1/2/3 (NRXN1/2/3)
Alternative Name:	Neurexin 1/2/3

## Application Details

Application Notes:	WB: 1 : 500 up to 1 : 1000 (AP staining) IP: not tested yet ICC: not recommended
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## Application Details

IHC: not recommended

Comment: WB: Unboiled samples yield stronger signals.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: For reconstitution add 50 µL H<sub>2</sub>O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.

Buffer: PBS

Handling Advice: Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.

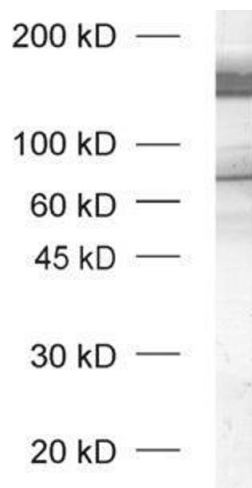
Storage: -20 °C

Storage Comment: Unlabeled lyophilized 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. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

## Publications

Product cited in: Bot, Schweizer, Ben Halima, Fraering: "Processing of the synaptic cell adhesion molecule neurexin-3beta by Alzheimer disease alpha- and gamma-secretases." in: **The Journal of biological chemistry**, Vol. 286, Issue 4, pp. 2762-73, (2011) ([PubMed](#)).

Lim, Kwon, Lee, Moon, Jeong, Park, Kim, Park, Lee, Ryu, Yu, Chung, Kim, Myung, Lee: "Synapse formation regulated by protein tyrosine phosphatase receptor T through interaction with cell adhesion molecules and Fyn." in: **The EMBO journal**, Vol. 28, Issue 22, pp. 3564-78, (2009) ([PubMed](#)).



Western Blotting

**Image 1.** dilution: 1 : 1000, sample: rat brain honogenate (unboiled sample)