

Datasheet for ABIN4889545  
**anti-SNAP25 antibody (AA 173-180)**



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## Overview

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                                 |
| Target:              | SNAP25                                                                                 |
| Binding Specificity: | AA 173-180                                                                             |
| Reactivity:          | Rat                                                                                    |
| Host:                | Mouse                                                                                  |
| Clonality:           | Monoclonal                                                                             |
| Conjugate:           | This SNAP25 antibody is un-conjugated                                                  |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF), Surface Plasmon Resonance (SPR) |

## Product Details

|                             |                                                                         |
|-----------------------------|-------------------------------------------------------------------------|
| Immunogen:                  | Synthetic peptide from rat SNAP-25, (aa 173-180)                        |
| Clone:                      | 11C3                                                                    |
| Isotype:                    | IgG1                                                                    |
| Specificity:                | Reacts with rat SNAP-25 cleaved by botulinum neurotoxin E in IF and SPR |
| Cross-Reactivity (Details): | Reacts with full length SNAP25 in ELISA or Western Blot .               |
| Purification:               | Purified (protein A)                                                    |

## Target Details

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Target:           | SNAP25                                                                           |
| Alternative Name: | Synaptosomal-Associated Protein 25 (SNAP-25) ( <a href="#">SNAP25 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | SNAP-25 is a membrane bound protein anchored to the cytosolic face of membranes via palmitoyl side chains in the middle of the molecule.                                                         |
| UniProt:    | <a href="#">P60881</a>                                                                                                                                                                           |
| Pathways:   | <a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Hormone Transport</a> , <a href="#">Synaptic Vesicle Exocytosis</a> , <a href="#">Dicarboxylic Acid Transport</a> |

## Application Details

|                    |                                                                                                                                       |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Working dilution: Optimal dilutions should be determined by the end user.<br>The following are guidelines only :<br>IF, SPR(10 µg/mL) |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                    |                                                                                                                                          |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                   |
| Concentration:     | 2.5 mg/mL                                                                                                                                |
| Buffer:            | PBS, Sodium azide 0.1 %                                                                                                                  |
| Preservative:      | Sodium azide                                                                                                                             |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                   |
| Storage:           | 4 °C/-20 °C                                                                                                                              |
| Storage Comment:   | Short term storage at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt. |
| Expiry Date:       | 6 months                                                                                                                                 |