

## SNAP25 Antibody

Catalog No: #31127

Package Size: #31127-1 50ul #31127-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

|                       |  |
|-----------------------|--|
| Product Name          | SNAP25 Antibody  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Applications          | ELISA WB IHC   |
| Species Reactivity    | Hu   |
| Specificity           | The antibody detects endogenous level of total SNAP25 protein.                                   |
| Immunogen Type        | Recombinant Protein  |
| Immunogen Description | Full length fusion protein   |
| Target Name           | SNAP25   |
| Other Names           | Synaptosomal-associated protein, 25kDa, RIC4; SEC9; SNAP; RIC-4; SNAP-25; bA416N4.2; dJ1068F16.2 |
| Accession No.         | Swiss-Prot:P60880Gene ID:6616;   |
| Uniprot               | P60880   |
| GeneID                | 6616;  |
| Concentration         | 0.2mg/ml   |
| Formulation           | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                                  |
| Storage               | Store at -20°C/1 year  |

## Application Details

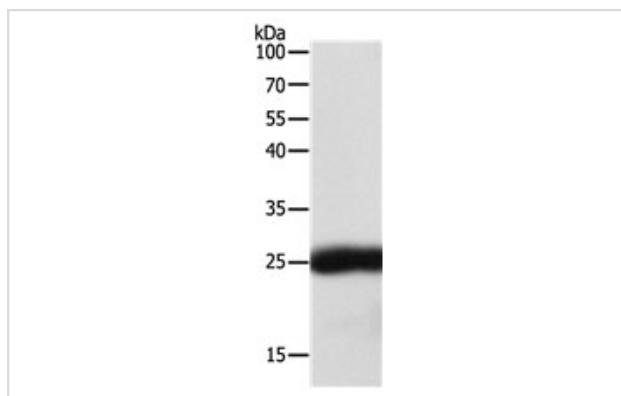
Predicted MW: 23kd

ELISA: 1:2000-1:5000

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 12%SDS-PAGE

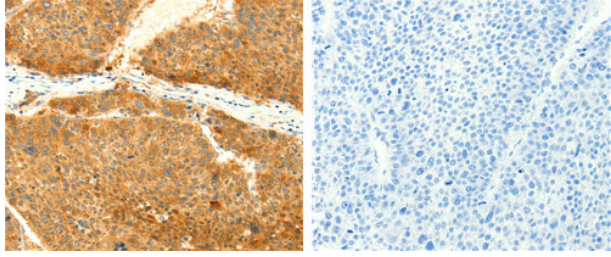
Lysate: 40 µg Hela cell lysate

Primary antibody: 1/400 dilution

Secondary antibody: Goat anti Rabbit IgG - H&amp;L (HRP) at

1/10000 dilution

Exposure time: 3 seconds



The image on the left is immunohistochemistry of paraffin-embedded human liver cancer tissue using 31127 (SNAP25 Antibody) at dilution 1/25, on the right is treated with the fusion protein.

## Background

Synaptic vesicle membrane docking and fusion is mediated by SNAREs (soluble N-ethylmaleimide-sensitive factor attachment protein receptors) located on the vesicle membrane (v-SNAREs) and the target membrane (t-SNAREs). The assembled v-SNARE/t-SNARE complex consists of a bundle of four helices, one of which is supplied by v-SNARE and the other three by t-SNARE. For t-SNAREs on the plasma membrane, the protein syntaxin supplies one helix and the protein encoded by this gene contributes the other two. Therefore, this gene product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. Two alternative transcript variants encoding different protein isoforms have been described for this gene.?

Note: This product is for in vitro research use only