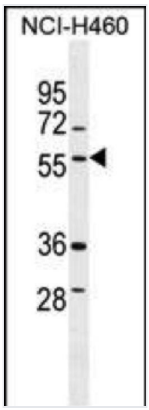
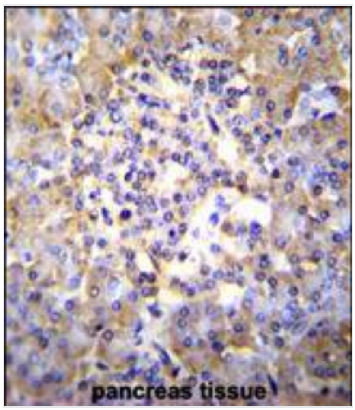
# TSNARE1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

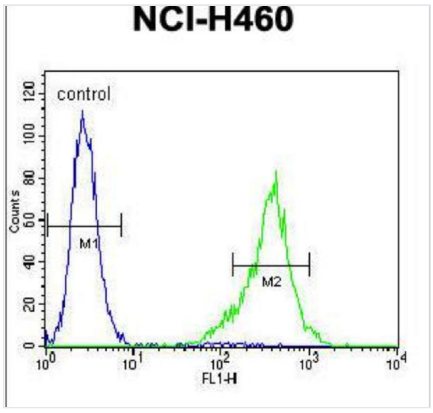
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|---|---|
| **Product Name** | TSNARE1, Polyclonal Antibody |
| **Full Product Name** | TSNARE1, CT (TSNARE1, t-SNARE domain-containing protein 1) |
| **Product Gene Name** | anti-TSNARE1 antibody |
| **Product Synonym Names** | Anti -TSNARE1, CT (TSNARE1, t-SNARE domain-containing protein 1) |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide. |
| **Purity/Purification** | Affinity Purified<br>Purified by Protein A affinity chromatography. |
| **Specificity** | Human |
| **Preparation and Storage** | May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |
| **Molecular Weight** | 55,949 Da |
| **Chromosome Location** | Chromosome: 8; NC_000008.10 (143293441..143484543, complement). Location: 8q24.3 |
| **3D Structure** | ModBase 3D Structure for Q96NA8 |
| **Immunogen** | TSNARE1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 370-399 amino acids from the C-terminal region of human TSNARE1. |
| **Product Categories/Family for anti-TSNARE1 antibody** | Antibodies; Abs to Proteins |
| **Applications Tested/Suitable for anti-TSNARE1 antibody** | ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC), Flow Cytometry (FC/FACS) |
| **Application Notes for anti-TSNARE1 antibody** | Suitable for use in Western Blot, Immunohistochemistry, Flow Cytometry, ELISA<br>Dilution: ELISA: 1:1,000<br>Western Blot: 1:100-500<br>Immunohistochemistry: 1:50-100<br>Flow Cytometry: 1:10-50 |
| **Related Product Information for anti-TSNARE1 antibody** | MBS6004852 is an antibody targeting TSNARE1. Also known as TSNARE1, CT (TSNARE1, t-SNARE domain-containing protein 1). Reactive in Human. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-TSNARE1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Western Blot (WB) of anti-TSNARE1 antibody**
Western Blot analysis NCI-H460 cell line lysates (35ug/lane) using MBS6004852. This demonstrates the TSNARE1 antibody detected the TSNARE1 protein (arrow).




**Immunohistochemistry (IHC) of anti-TSNARE1 antibody**
Immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue using MBS6004852 followed by peroxidase conjugation of the secondary antibody and DAB staining.




**Flow Cytometry (FC/FACS) of anti-TSNARE1 antibody**
Flow cytometric analysis of NCI-H460 cells (right histogram) using MBS6004852 compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TSNARE1. It may not necessarily be applicable to this product.

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|---|---|
| **NCBI GI #** | 219518890 |
| **NCBI GeneID** | 203062 |
| **NCBI Accession #** | AAI43687.1 |
| **UniProt Primary Accession #** | Q96NA8 |
| **UniProt Secondary Accession #** | Q14D03 |
| **UniProt Related Accession #** | Q96NA8 |
| **NCBI Official Full Name** | TSNARE1 protein |
| **NCBI Official Synonym Full Names** | t-SNARE domain containing 1 |
| **NCBI Official Symbol** | TSNARE1 |
| **UniProt Protein Name** | t-SNARE domain-containing protein 1 |
| **Protein Family** | t-SNARE domain-containing protein |
| **UniProt Gene Name** | TSNARE1 |
| **UniProt Entry Name** | TSNA1_HUMAN |

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| **NCBI Protein Information** | t-SNARE domain-containing protein 1 |
| **UniProt Comments for TSNARE1** | TSNARE1: 2 isoforms of the human protein are produced by alternative splicing<br><br>Protein type: Membrane protein, integral<br><br>Chromosomal Location of Human Ortholog: 8q24.3<br><br>Cellular Component: SNARE complex; integral to membrane; endomembrane system<br><br>Molecular Function: SNAP receptor activity; SNARE binding<br><br>Biological Process: vesicle fusion; intracellular protein transport; vesicle docking |
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