

## STXBP4 Antibody

Catalog No: #40130

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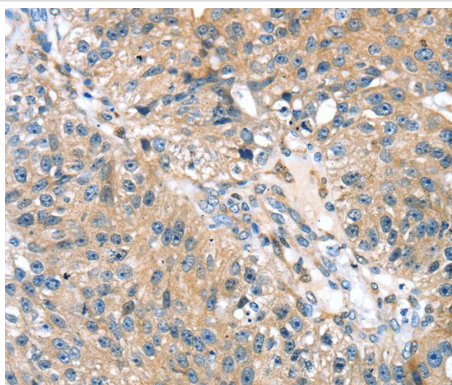
## Description

Product Name	STXBP4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total STXBP4 protein.
Immunogen Type	Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human syntaxin binding protein 4
Target Name	STXBP4
Other Names	Synip
Accession No.	Swiss-Prot:Q08AL9Gene Accssion:BC125116
Uniprot	Q08AL9
Concentration	1.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:25-1:100

## Images



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #40130 at dilution 1/35.

## Background

Plays a role in the translocation of transport vesicles from the cytoplasm to the plasma membrane. Inhibits the translocation of SLC2A4 from intracellular vesicles to the plasma membrane by STX4A binding and preventing the interaction between STX4A and VAMP2. Stimulation with insulin disrupts the interaction with STX4A, leading to increased levels of SLC2A4 at the plasma membrane. May also play a role in the regulation of insulin release by pancreatic beta cells after stimulation by glucose.

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Note: This product is for in vitro research use only