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Datasheet for ABIN7171264  
**anti-STXBP4 antibody (AA 344-553)**

1 Image

### Overview

Quantity:	100 µL
Target:	STXBP4
Binding Specificity:	AA 344-553
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXBP4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Immunogen:	Recombinant Human Syntaxin-binding protein 4 protein (344-553AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

### Target Details

Target:	STXBP4
Alternative Name:	STXBP4 ( <a href="#">STXBP4 Products</a> )
Background:	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

## Target Details

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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 .

Aliases: FLJ16496 antibody, MGC149829 antibody, MGC50337 antibody, OTTHUMP00000082667 antibody, OTTHUMP00000227400 antibody, STX4-interacting protein antibody, STXB4\_HUMAN antibody, Stxbp4 antibody, Synip antibody, Syntaxin 4 interacting protein antibody, Syntaxin 4-interacting protein antibody, Syntaxin binding protein 4 antibody, Syntaxin-binding protein 4 antibody

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UniProt: [Q6ZWJ1](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

## Handling

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Format: Liquid

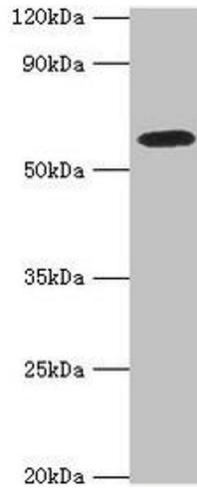
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Western Blotting

**Image 1.** Western blot All lanes: STXBP4 antibody at 10  $\mu$ g/mL + PC-3 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 62, 27 kDa Observed band size: 62 kDa