



Datasheet for ABIN165446 anti-STXBP3 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	STXBP3
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STXBP3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant PSP , Accession / GI number: NP_004568
Clone:	3G12
Isotype:	Kappa
Purification:	The antibody was purified from mouse ascitic fluids by protein-G affinity chromatography

Target Details

Target:	STXBP3
Alternative Name:	PSP (STXBP3 Products)
Background:	Human phosphoserine phosphatase (HPSP), specific for D- and L- phosphoserine, has been identified in all human tissues. HPSP is a Mg(2+)-dependent phosphoserine phosphatase. The three dimensional structure of HPSP reveals the structural and functional role of the divalent cation in the active site of phosphatases. In particular, the complex structures reveal that the

Target Details

open-closed environmental change of the active site, generated by local rearrangement of the alpha-helical bundle domain, is important for the substrate recognition and hydrolysis.

Pathways: [Hormone Transport](#)

Application Details

Application Notes: Recommended dilution 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1mg/ml

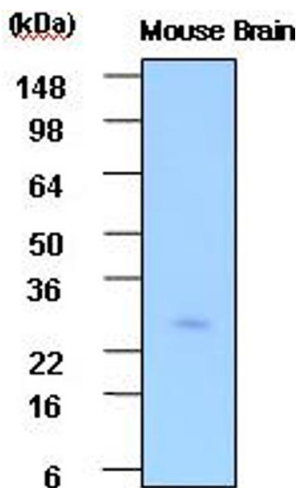
Buffer: In Phosphate-Buffered Saline (pH7.4) with 0.1% Sodium Azide

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

Images



Western Blotting

Image 1. Western blot analysis: Cell lysates of Mouse brain(30ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human PSP (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.