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Datasheet for ABIN7270690
anti-STXBP5 antibody (AA 640-900)

Overview

Quantity:	100 µL
Target:	STXBP5
Binding Specificity:	AA 640-900
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXBP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	STXBP5 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 640-900 of human STXBP5 (NP_640337.3).
Sequence:	SYGLVVFVGNCGIAMVDYLQKAVLLNLGTIELYGSNDPYRREPRSPRKSRQPSGAGLCDISEGTVVPEDRCKSPTSAMKSRKLSLPTDLKPDLDVKDNSFSRSRSSSVTSIDKESREAISALHFCETFTRKTDSSPSPCLWGTTLGTVLVIALNLPPGGEQRLQPVIVSPSGTILRLKGAILRMAFLDTTGCLIPPAYEPWREHNVPEEKDEKEKLLKRRPVSVPSSSQEISENQYAVICSEKQAKVISLPTQNCAYK
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: STXBP5

Alternative Name: STXBP5 ([STXBP5 Products](#))

Background: Syntaxin 1 is a component of the 7S and 20S SNARE complexes which are involved in docking and fusion of synaptic vesicles with the presynaptic plasma membrane. This gene encodes a syntaxin 1 binding protein. In rat, a similar protein dissociates syntaxin 1 from the Munc18/n-Sec1/rbSec1 complex to form a 10S complex, an intermediate which can be converted to the 7S SNARE complex. Thus this protein is thought to be involved in neurotransmitter release by stimulating SNARE complex formation. Alternatively spliced transcript variants encoding different isoforms have been identified.,STXBP5,LLGL3,LLGL3,Nbla04300,Neuroscience,STXBP5

Molecular Weight: 121kDa/123kDa/127kDa

Gene ID: 134957

UniProt: [Q5T5C0](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

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

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.