

STXBP5 Polyclonal Antibody

Catalog No.	A16311	Category	Polyclonal Antibodies
Applications	WB	Observed MW	135kDa
Cross-reactivity	Human	Calculated MW	121kDa/123kDa/127kDa

Immunogen Information

Immunogen

Gene ID	134957
Swiss prot	Q5T5C0
Synonyms	STXBP5; LGL3; LLGL3; Nbla04300; syntaxin-binding protein 5

Product information

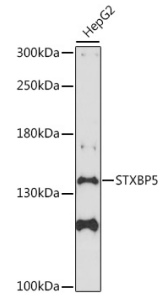
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - STXBP5 Polyclonal Antibody (A16311)