

STXBP5 Polyclonal Antibody

Catalog No: #29803



Package Size: #29803-1 50ul #29803-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

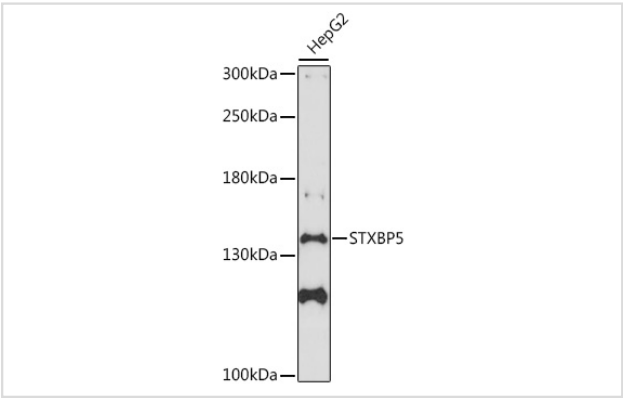
Description

Product Name	STXBP5 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human STXBP5 (NP_640337.3).
Other Names	STXBP5; LGL3; LLGL3; Nbla04300; syntaxin-binding protein 5
Accession No.	Swiss-Prot#:Q5T5C0NCBI Gene ID:134957
Uniprot	Q5T5C0
GeneID	134957;
Calculated MW	135kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of HepG2 cells, using STXBP5 at 1:1000 dilution.

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.

Note: This product is for in vitro research use only