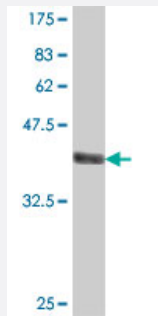


STXBP5 polyclonal antibody (A01)

Catalog # H00134957-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant STXBP5.
Immunogen	STXBP5 (NP_640337, 1017 a.a. ~ 1115 a.a) partial recombinant protein with GST tag.
Sequence	GGGAQSLDREELFGESSSGKASRSLAQHIPGPGGIEGVKGAASGVVGELARARLALDERGQKLG DLEERTAAMLSSAESFSKHAHEIMLK YDKKKWYQF
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — STXBP5

Entrez GeneID [134957](#)

GeneBank Accession# [NM_139244](#)

Protein Accession# [NP_640337](#)

Gene Name STXBP5

Gene Alias FLJ30922, LGL3, LLGL3, MGC141942, MGC141968, Nbla04300

Gene Description syntaxin binding protein 5 (tomosyn)

Omim ID [604586](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000017380|putative protein product of Nbla04300|tomosyn

Disease

- [Lung Neoplasms](#)
- [Small Cell Lung Carcinoma](#)