



## Goat anti-MUNC18 / STXBP1 (isoform a) Antibody

<b>Item Number</b>	dAP-0923
<b>Target Molecule</b>	Principle Name: MUNC18 / STXBP1 (isoform a); Official Symbol: STXBP1; All Names and Symbols: STXBP1; MUNC18-1; UNC18; hUNC18; syntaxin binding protein 1; Hunc18; rbSec1; syntaxin-binding protein 1; RP11-56D16.3; EIEE4; FLJ37475; RBSEC1; Accession Number (s): NP_003156.1; Human Gene ID (s): 6812; Non-Human GeneID(s): 20910 (mouse)
<b>Immunogen</b>	SRVSFEDQAPTME, is from C Terminus This antibody is expected to recognize isoform a (NP_003156.1).
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 75kDa band observed in Human and Mouse Brain lysates (calculated MW of 68.7kDa according to NP_003156.1). Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Brain cortex shows vesicular staining in neuronal bodies. Recommended concentration, 5-10µg/ml.
<b>Reference</b>	Reference(s): Swanson DA, Steel JM, Valle D. Identification and characterization of the human ortholog of rat STXBP1, a protein implicated in vesicle trafficking and neurotransmitter release. Genomics. 1998 Mar 15;48(3):373-6..PMID: 9545644 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**