



# Unc18-1 rabbit pAb

Cat No.:ES7316

For research use only

## Overview

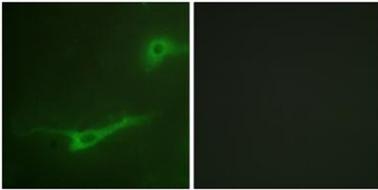
<b>Product Name</b>	Unc18-1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MUNC-18a. AA range:279-328
<b>Specificity</b>	Unc18-1 Polyclonal Antibody detects endogenous levels of Unc18-1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Syntaxin-binding protein 1
<b>Gene Name</b>	STXBP1
<b>Cellular localization</b>	Cytoplasm, cytosol . Membrane; Peripheral membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	6812
<b>Human Swiss-Prot Number</b>	P61764
<b>Alternative Names</b>	STXBP1; UNC18A; Syntaxin-binding protein 1; MUNC18-1; N-Sec1; Protein unc-18 homolog 1; Unc18-1; Protein unc-18 homolog A; Unc-18A; p67
<b>Background</b>	This gene encodes a syntaxin-binding protein. The encoded protein appears to play a role in release of neurotransmitters via regulation of syntaxin, a





transmembrane attachment protein receptor. Mutations in this gene have been associated with infantile epileptic encephalopathy-4. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2010],

Immunofluorescence analysis of NIH/3T3 cells, using MUNC-18a Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MUNC-18a Antibody. The picture on the right is blocked with the synthesized peptide.

