



# Rabbit Anti-Yeast Syntaxin PEP12 monoclonal antibody, clone 8I35M4 (CABT-L1527)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with Yeast based on sequence homology.
<b>Target</b>	PEP12
<b>Immunogen</b>	Protein corresponding to amino acids 1-268 of yeast Syntaxin.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Yeast
<b>Clone</b>	8I35M4
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC, ICC, IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

## BACKGROUND

**Introduction**

Syntaxins belong to a family of SNARE proteins. The yeast *Saccharomyces cerevisiae* has about 7 genes similar to syntaxin and there are presently 15 types of syntaxin genes in the human genome. In presence of other cytoplasmic proteins like the N-ethylmaleimide-sensitive factor (NSF) and SNAP; syntaxins can combine various vesicular transport systems for the exocytic and endocytic pathway. This is very important for the functioning and for bringing about specificity to the vesicular combination process.. The syntaxin protein in yeast is also known as the Pep12 protein. The function of this Pep12 protein in the yeast is to transport vesicles from the Golgi apparatus.

**Keywords**

PEP12;Pep12p;Carboxypeptidase Y-deficient protein  
12;MSZ08;PEP12;PEP12\_YEAST;Syntaxin PEP12;Vacuolar protein sorting-associated protein 6;Vacuolar protein-targeting protein 13;Target membrane receptor (t-SNARE) for vesicular intermediates traveli