

Syntaxin 3

Cat.No. 110-3P; control protein, 100 µg protein (lyophilized)

Data Sheet

Reconstitution/ Storage	100 µg protein, lyophilized. For reconstitution add 100 µl H ₂ O to get a 1mg/ml solution in TBS. Then aliquot and store at -20°C until use.
Immunogen	Recombinant protein corresponding to AA 1 to 260 from rat Syntaxin3 (UniProt Id: Q08849)
Recommended dilution	Optimal concentrations should be determined by the end-user.
matching antibodies	110 032, 110 033
Remarks	This control protein consists of the recombinant protein (aa 1 - 260) that has been used for immunization. It has been tested in preadsorption experiments and blocks efficiently and specifically the corresponding signal in Western blots. The amount of protein needed for efficient blocking depends on the titer and on the affinity of the antibody to the antigen.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Syntaxin 3, a member of the SNARE family of proteins, is related to syntaxin 1. While often co-expressed with syntaxins 2 and 4 within the same cell type, its membrane localization is usually different, for instance in epithelial cells or in the exocrine pancreas. Like syntaxins 1, 2 and 4 it appears to be involved in the fusion of transport vesicles with the plasma membrane.

Selected General References

Membrane fusion and exocytosis.
Jahn R, Südhof TC
Annual review of biochemistry (1999) 68: 863-911.
The syntaxin family of vesicular transport receptors.
Bennett MK, García-Arrarás JE, Elferink LA, Peterson K, Fleming AM, Hazuka CD, Scheller RH
Cell (1993) 74(5): 863-73.