

Syntaxin 11

Cat.No. 110-11P; control peptide, 100 µg peptide (lyophilized)

Data Sheet

Reconstitution/ Storage	100 µg peptide, lyophilized. For reconstitution add 100 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use. Control peptides should also be stored at -20°C when still lyophilized!
Immunogen	Synthetic peptide corresponding to AA 1 to 15 from mouse Syntaxin11 (UniProt Id: Q9D3G5)
Recommended dilution	Optimal concentrations should be determined by the end-user.
matching antibodies	110 113
Remarks	This control peptide consists of the synthetic peptide (aa 1-15 of mouse syntaxin 11) 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 peptide 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 11, a member of the SNARE family of proteins, localizes to late endosomes and the trans-Golgi network and has been shown to interact with VAMP proteins and SNAP 23. Unlike other syntaxins it does not possess a carboxy-terminal transmembrane anchor. In the immune systems several cell types like phagocytic immune cells, resting natural killer (NK) cells and CD8-T-cells express syntaxin 11. High levels of protein can also be found in lung and placenta but not in brain where it is almost undetectable.

Selected General References

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