

Syntaxin 7

Cat.No. 110 073; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 up to 1 : 5000 (AP staining) IP: not tested yet ICC: not tested yet IHC: not tested yet IHC-P/FFPE: not tested yet
Immunogen	Recombinant protein corresponding to AA 1 to 236 from rat Syntaxin7 (UniProt Id: O70257)
Reactivity	Reacts with: human (O15400), rat (O70257), mouse (O70439). Other species not tested yet.
Specificity	Specific for syntaxin 7.
matching control	110-7P

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

Syntaxin 7, a member of the SNARE family of proteins, is related to syntaxins 1-4 but localized to endosomal membranes of a wide variety of cells. Syntaxin 7 is involved in the fusion of late endosomes and lysosomes. In endosomal membranes, it forms complexes with endobrevin, syntaxin 8 and vti1b.

Selected General References

Membrane fusion and exocytosis.

Jahn R, Südhof TC

Annual review of biochemistry (1999) 68: 863-911.

Differential roles of syntaxin 7 and syntaxin 8 in endosomal trafficking.

Prekeris R, Yang B, Oorschot V, Klumperman J, Scheller RH

Molecular biology of the cell (1999) 10(11): 3891-908.

Seven novel mammalian SNARE proteins localize to distinct membrane compartments.

Advani RJ, Bae HR, Bock JB, Chao DS, Doung YC, Prekeris R, Yoo JS, Scheller RH

The Journal of biological chemistry (1998) 273(17): 10317-24.