

Syntaxin 2

Cat.No. 110 123; 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 (AP staining) IP: yes ICC: 1 : 100 IHC: yes IHC-P/FFPE: not tested yet
Immunogen	Recombinant protein corresponding to AA 1 to 265 from rat Syntaxin2 (UniProt Id: P50279)
Reactivity	Reacts with: human (P32856), rat (P50279), mouse (Q00262), hamster. Other species not tested yet.
Specificity	Specific for syntaxin 2
matching control	110-2P

Selected References SY SY Antibodies

Complexin 2 modulates vesicle-associated membrane protein (VAMP) 2-regulated zymogen granule exocytosis in pancreatic acini.
 Falkowski MA, Thomas DD, Groblewski GE
The Journal of biological chemistry (2010) 285(46): 35558-66. WB

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.
 Epimorphin: a mesenchymal protein essential for epithelial morphogenesis.
 Hirai Y, Takebe K, Takashina M, Kobayashi S, Takeichi M
Cell (1992) 69(3): 471-81.

TO BE USED IN VITRO / FOR RESEARCH ONLY

NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Syntaxin 2, also referred to as **Epimorphin**, a member of the SNARE family of proteins, is related to syntaxin 1. Like syntaxin 4 it is predominantly localized to the plasma membrane of a wide variety of cells.

Similar to syntaxins 1, 3 and 4, it appears to be involved in the fusion of transport vesicles with the plasma membrane.