

Secernin 1

Cat.No. 289 003; 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: yes ICC: 1 : 500 IHC: 1 : 200 IHC-P/FFPE: not tested yet
Immunogen	Recombinant protein corresponding to AA 1 to 414 from rat Secernin1 (UniProt Id: Q6AY84)
Reactivity	Reacts with: human (Q12765), rat (Q6AY84), mouse (Q9CZC8). Other species not tested yet.
Specificity	Specific for secernin 1.

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

Secernin 1 has been originally identified as a modulator of secretion in peritoneal mast cells. Three isoforms, secernin 1, 2 and 3 have been identified so far.

Secernin 1 has also been identified as a novel potential biomarker in synovial sarcoma.

Selected General References

Secernin-1 as a novel prognostic biomarker candidate of synovial sarcoma revealed by proteomics.
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Journal of proteomics (2011) 74(6): 829-42.

SCRN1 is a novel marker for prognosis in colorectal cancer.
Miyoshi N, Ishii H, Mimori K, Sekimoto M, Doki Y, Mori M
Journal of surgical oncology (2010) 101(2): 156-9.

Identification of secernin 1 as a novel immunotherapy target for gastric cancer using the expression profiles of cDNA microarray.

Suda T, Tsunoda T, Uchida N, Watanabe T, Hasegawa S, Satoh S, Ohgi S, Furukawa Y, Nakamura Y, Tahara H
Cancer science (2006) 97(5): 411-9.

Purification and identification of secernin, a novel cytosolic protein that regulates exocytosis in mast cells.

Way G, Morrice N, Smythe C, O'Sullivan AJ
Molecular biology of the cell (2002) 13(9): 3344-54.