



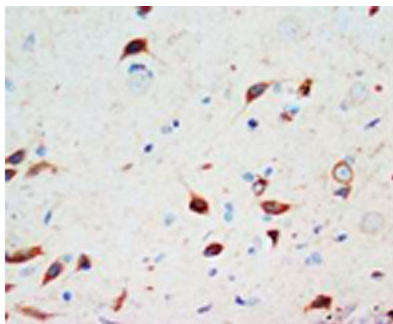
Rabbit polyclonal antibody to human Secretogranin-3 (438-450): Affinity purified

Catalogue No.:	R-1081-100
Description:	Secretogranin-3 (SCG3) belongs to the chromogranin/secretogranin family of neuroendocrine secretory proteins. The protein is expressed in brain, heart, kidney, liver and skeletal muscle but the function of SCG3 is largely unknown. Genetic variations in the SCG3 gene have been suggested to influence the risk of obesity through possible regulation of hypothalamic neuropeptide secretion.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (DFINKQADAYVEK) corresponding to a region (438-450) from human Secretogranin-3. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Secretogranin III; SgIII; SCG3; UNQ2502/PRO5990;
Accession:	Q8WXD2 SCG3_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) Western Blotting (WB) and Immunocytochemistry. A concentration of 0.1-0.5 ug/mL is recommended for WB. Human SCG3 (precursor) has a predicted length of 468 residues and MW of 53 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues as well as formalin/acetone fixed frozen tissues. Heat mediated antigen retrieval is required. A concentration of 0.5-1.0 ug/mL is recommended for IHC-F. A concentration of 1.0 ug/mL is recommended for Immunocytochemistry. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; rat; expected to react with mouse due to sequence homology
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY



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Immunohistochemical detection of Secretogranin-3 in paraffin-embedded rat brain tissue sections using Rabbit polyclonal antibody to human Secretogranin-3 (R-1081-100).

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