

Immunotag™ Sg III Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5142
Product Description	Immunotag™ Sg III Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Sg III
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Sg III, at AA range: 11-60
Specificity	Sg III Polyclonal Antibody detects endogenous levels of Sg III protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	SCG3
Accession No.	Q8WXD2 P47867 P47868
Alternate Names	SCG3; Secretogranin-3; Secretogranin III; SgIII
Description	secretogranin III(SCG3) Homo sapiens The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Granins may serve as precursors for biologically active peptides. Some granins have been shown to function as helper proteins in sorting and proteolytic processing of prohormones; however, the function of this protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009],

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Protein Expression	Brain,Lung,Pituitary,Thalamus,
Subcellular Localization	extracellular region,transport vesicle membrane,cytoplasmic vesicle,secretory granule lumen,
Protein Function	subcellular location:Neuroendocrine and endocrine secretory granules.,tissue specificity:Expressed in brain, heart, kidney, liver and skeletal muscle.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.