
Product Name: Sg III Rabbit Polyclonal Antibody**Catalog #: APRab17807**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	53kDa

Antigen Information

Gene Name	SCG3
Alternative Names	SCG3; Secretogranin-3; Secretogranin III; SgIII
Gene ID	29106.0
SwissProt ID	Q8WXD2
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human SCG3. AA range:21-70

Background

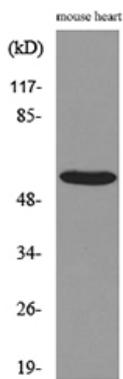
secretogranin III(SCG3) Homo sapiens The protein encoded by this gene is a member of the chromogranin/secretogranin

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],subcellular location:Neuroendocrine and endocrine secretory granules.,tissue specificity:Expressed in brain, heart, kidney, liver and skeletal muscle.,

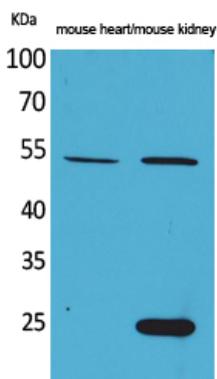
Research Area

Neuroscience; Neurotransmission; Secretory Vesicles; Granins; Metabolism; Types of disease; Cancer; Neurology process

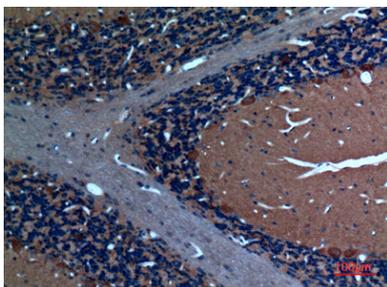
Image Data



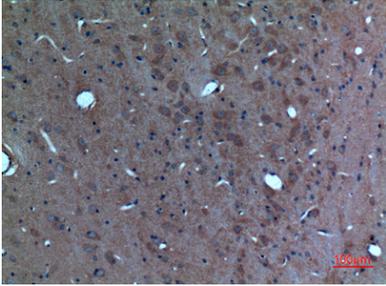
Western blot analysis of lysate from mouse heart cells, using SCG3 Antibody.



Western Blot analysis of mouse heart, mouse kidney cells using Sg III Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100