

## Sg III Polyclonal Antibody

<b>Catalog No :</b>	YT5142
<b>Reactivity :</b>	Human;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	Sg III
<b>Gene Name :</b>	SCG3
<b>Protein Name :</b>	Secretogranin-3
<b>Human Gene Id :</b>	29106
<b>Human Swiss Prot No :</b>	Q8WXD2
<b>Mouse Swiss Prot No :</b>	P47867
<b>Rat Gene Id :</b>	116635
<b>Rat Swiss Prot No :</b>	P47868
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the N-terminal region of human SCG3. AA range:21-70
<b>Specificity :</b>	Sg III Polyclonal Antibody detects endogenous levels of Sg III protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 53kD

**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],

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

**Subcellular Location :** Cytoplasmic vesicle, secretory vesicle . Cytoplasmic vesicle, secretory vesicle membrane ; Peripheral membrane protein . Secreted . Associated with the secretory granule membrane through direct binding to cholesterol-enriched lipid rafts. .

**Expression :** Expressed in brain, heart, kidney, liver and skeletal muscle.

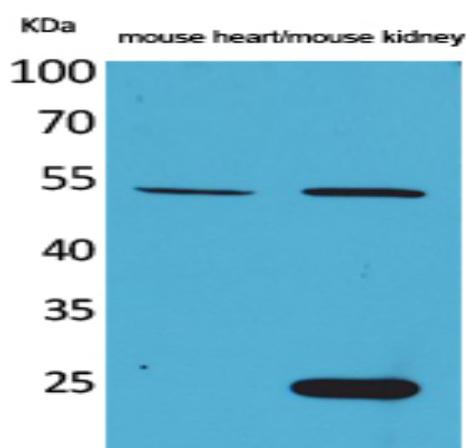
**Sort :** 16265

**No4 :** 1

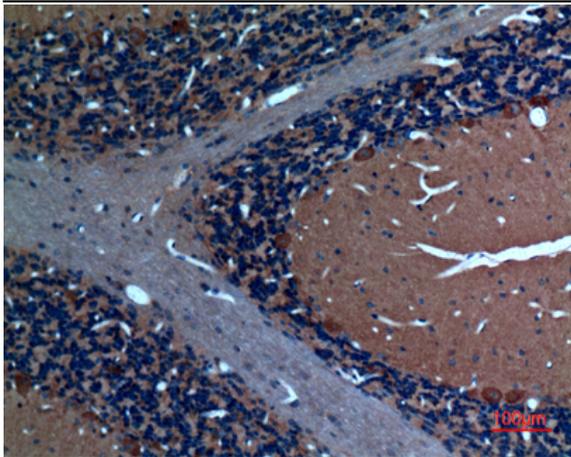
**Host :** Rabbit

**Modifications :** Unmodified

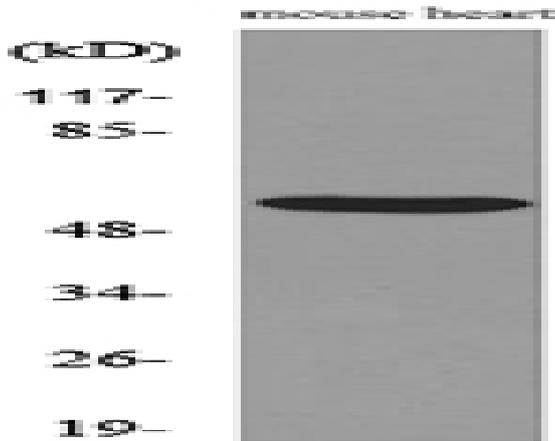
## Products Images



Western Blot analysis of mouse heart, mouse kidney cells using Sg III Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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



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