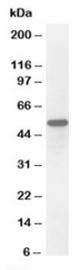
Secretogranin 3 Antibody (R30252)

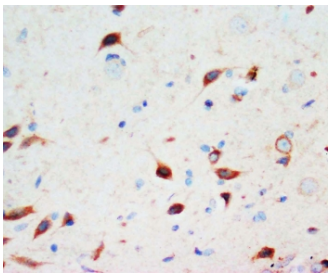
Catalog No.	Formulation	Size
R30252	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q8WXD2
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml IHC (Frozen) : 0.5-1ug/ml Immunocytochemistry : 0.5-1ug/ml
Limitations	This Secretogranin 3 antibody is available for research use only.



Western blot testing of Secretogranin 3 antibody and HeLa cell lysate



IHC-P: Secretogranin 3 antibody testing of rat brain tissue

Description

SCG3(secretogranin III) is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Genetic variations in the SCG3 gene may influence the risk of obesity through possible regulation of hypothalamic neuropeptide secretion. SCG3 was the only gene within a haplotype block that contained rs3764220. SCG3 mRNA and immunoreactivity were detected in the paraventricular nucleus, lateral hypothalamic area, and arcuate nucleus, and the protein coexisted with orexin, melanin-concentrating hormone, neuropeptide Y, and proopiomelanocortin. SCG3 formed a granule-like structure together with these neuropeptides.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Secretogranin 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Secretogranin 3 (DFINKQADAYVEK) was used as the immunogen for this Secretogranin 3 antibody.

Storage

After reconstitution, the Secretogranin 3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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