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Datasheet for ABIN3032526
anti-SCG3 antibody (C-Term)

3 Images

Overview

Quantity:	100 µg
Target:	SCG3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCG3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human Secretogranin 3 (DFINKQADAYVEK) was used as the immunogen for this Secretogranin 3 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	SCG3
Alternative Name:	Secretogranin 3 (SCG3 Products)
Background:	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

Target Details

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.

UniProt: [Q8WXD2](#)

Application Details

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. Western blot: 0.5-1 µg/mL, IHC (Paraffin): 0.5-1 µg/mL, IHC (Frozen): 0.5-1 µg/mL, Immunocytochemistry: 0.5-1 µg/mL

Restrictions: For Research Use only

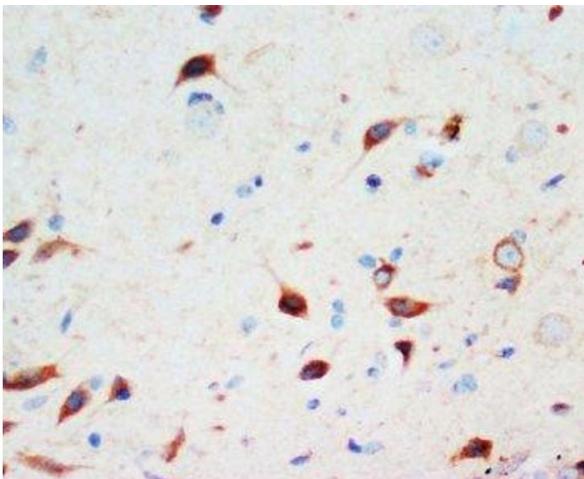
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

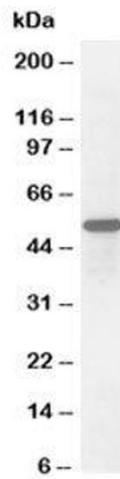
Storage Comment: After reconstitution, the Secretogranin 3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



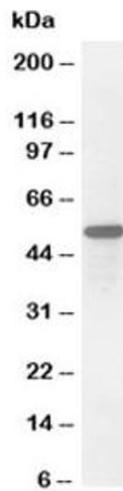
Immunohistochemistry

Image 1. IHC-P: Secretogranin 3 antibody testing of rat brain tissue



Western Blotting

Image 2. Western blot testing of Secretogranin 3 antibody and HeLa cell lysate



Western Blotting

Image 3. Western blot testing of Secretogranin 3 antibody and HeLa cell lysate