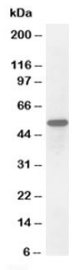
# Secretogranin 3 Antibody (R30252)

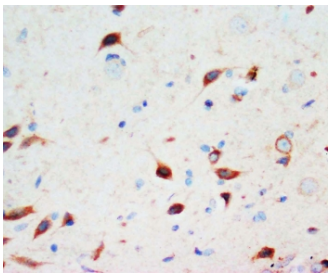
| Catalog No. | Formulation | Size |
|---|---|---|
| R30252 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**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<br>IHC (FFPE) : 0.5-1ug/ml<br>IHC (Frozen) : 0.5-1ug/ml<br>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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