

Datasheet for ABIN2789643
anti-SCG5 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	SCG5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Sequence:	GPQSIEGGAH EGLQHLGPFG NIPNIVAELT GDNIPKDFSE DQGYDPPNP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against SCG5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SCG5
Alternative Name:	SCG5 (SCG5 Products)
Background:	SCG5 acts as a molecular chaperone for PCSK2/PC2, preventing its premature activation in the regulated secretory pathway. SCG5 binds to inactive PCSK2 in the endoplasmic reticulum and facilitates its transport from there to later compartments of the secretory pathway where it is

Target Details

proteolytically matured and activated. SCG5 is also required for cleavage of PCSK2 but does not appear to be involved in its folding. SCG5 plays a role in regulating pituitary hormone secretion. The C-terminal peptide inhibits PCSK2 in vitro.

Alias Symbols: 7B2, P7B2, SGNE1, SgV

Protein Interaction Partner: UBQLN1, KHDRBS1, UBQLN4, NR1H2, PCSK2,

Protein Size: 212

Molecular Weight: 23 kDa

Gene ID: 6447

NCBI Accession: [NM_001144757](#), [NP_001138229](#)

UniProt: [P05408](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 212 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

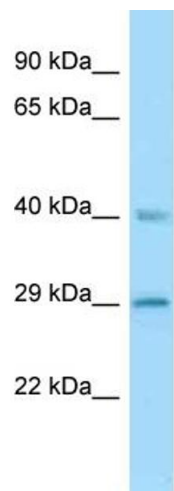
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-SCG5 Antibody
Catalog Number: ARP63847
Lot Number: QC34701
Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.