.-online.com antibodies

# Datasheet for ABIN1049328 anti-SGK3 antibody (Internal Region)

2 Images



### Overview

Quantity:	50 µg
Target:	SGK3
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat, Dog, Bat, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 20 amino acid peptide from internal region of human SGK3. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Mouse, Rat, Hamster, Panda, Dog, Bat (100%), Monkey, Marmoset, Elephant, Bovine, Horse, Rabbit (95%), Turkey, Chicken, Platypus (90%), Opossum, Lizard (85%).
	Type of Immunogen: Synthetic peptide
Specificity:	Human SGK3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Mouse, Rat, Hamster, Panda, Dog, Bat (100%) Monkey, Marmoset, Elephant, Bovine, Horse, Rabbit (95%) Turkey, Chicken, Platypus (90%) Opossum, Lizard (85%).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/4 | Product datasheet for ABIN1049328 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

## Product Details

## Purification: Immunoaffinity purified

## Target Details

Torgot	SCN3
Target:	SGK3
Alternative Name:	SGK3 (SGK3 Products)
Background:	Name/Gene ID: SGK3
	Subfamily: SGK
	Family: Protein Kinase
	Synonyms: SGK3, CISK, SGKL
Gene ID:	23678
Application Details	
Application Notes:	Approved: IHC, IHC-P (1 - 36 µg/mL)
Comment:	Target Species of Antibody: Human
Assay Procedure:	The IHC-pro Immunohistochemistry Protocol
	Tissue Preparation
	Formalin fixation and embedding in paraffin wax
	Tissue Sectioning
	Make 4-µm sections and place on pre-cleaned and charged microscope slides.
	Heat in a tissue-drying oven for 45 minutes at 60°C
	Deparaffinization
	Wash slides in 3 changes of xylene – 5 minutes each at room temperature.
	Rehydration
	Wash slides in 3 changes of 100% alcohol – 3 minutes each at room temperature.
	Wash slides in 2 changes of 95% alcohol – 3 minutes each at room temperature.
	Wash slides in 1 change of 80% alcohol – 3 minutes at room temperature.
	Rinse slides in gentle running distilled water – 5 minutes at room temperature.
	Antigen retrieval

### Antigen retrieval

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN1049328 | 09/12/2023 | Copyright antibodies-online. All rights reserved. Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) – 1 minute at room temperature.

#### Immunostaining

Do not allow tissues to dry at any time during the staining procedure. Apply a universal protein block – 20 minutes at room temperature. Drain protein block from slides, apply diluted primary antibody – 45 minutes at room temperature. Rinse slides in 1X TBST - 1 minute at room temperature. Apply a biotinylated secondary antibody (specific to the host of the primary antibody) - 30 minutes at room temperature. Rinse slides 1X TBST – 1 minute at room temperature. Apply alkaline phosphatase streptavidin – 30 minutes at room temperature. Rinse slides in 1X TBST - 1 minute at room temperature. Apply alkaline phosphatase streptavidin – 30 minutes at room temperature. May alkaline phosphatase chromogen substrate – 30 minutes at room temperature. Wash slides in distilled water – 1 minute at room temperature.

#### Dehydrate

This method should only be used if the chromogen substrate is alcohol insoluble. Wash slides in 2 changes of 80% alcohol – 1 minute each at room temperature. Wash slides in 2 changes of 95% alcohol – 1 minute each at room temperature. Wash slides in 3 changes of 100% alcohol – 1 minute each at room temperature. Wash slides in 3 changes of xylene – 1 minute each at room temperature. Apply coverslip

Restrictions: For Research Use only

### Handling

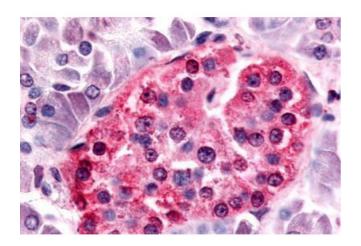
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/4 | Product datasheet for ABIN1049328 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

## Handling

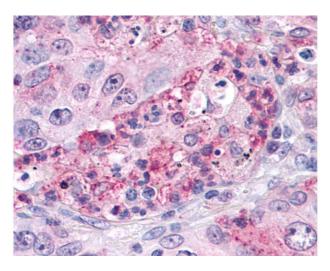
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

## Images



### Immunohistochemistry

**Image 1.** Anti-SGK3 antibody ABIN1049328 IHC staining of human islet of langerhans. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



### Immunohistochemistry

**Image 2.** Anti-SGK3 antibody IHC of human Lung, Non-Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 4/4 | Product datasheet for ABIN1049328 | 09/12/2023 | Copyright antibodies-online. All rights reserved.