Datasheet for ABIN392462

anti-SGK3 antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	SGK3
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SGK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This SGK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SGK3.
Clone:	RB0888
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SGK3

Target Details

Alternative Name:	SGK3 (SGK3 Products)
Background:	SGK3, a Ser/Thr protein kinase, is similar to serum- and glucocorticoid-induced protein kinase (SGK), but this gene product is not induced by serum or glucocorticoids. Expression is induced in response to signals that activate phosphatidylinositol 3-kinase, which is also true for SGK.
Molecular Weight:	57108
Gene ID:	23678
NCBI Accession:	NP_001028750, NP_001191102, NP_037389, NP_733827
UniProt:	Q96BR1

Application Details

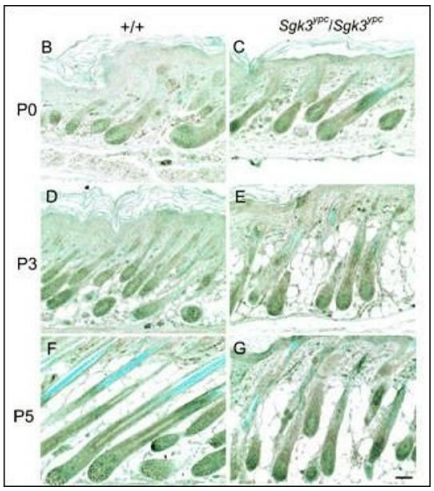
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:50~100. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

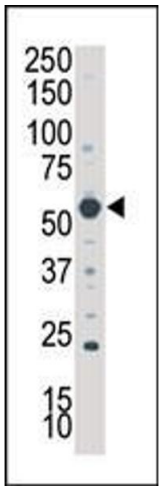
Publications

Product cited in:	Nasr, Mukhopadhyay, Zhang, Katzenstein: "Immunohistochemical markers in diagnosis of papillary thyroid carcinoma: Utility of HBME1 combined with CK19 immunostaining." in: **Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc**, Vol. 19, Issue 12, pp. 1631-7, (2006) (PubMed).



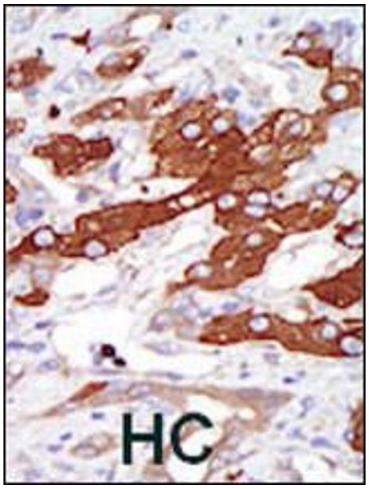
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. IHCdetection of SGK3 protein on the paraffin sections of the WT (left) and YPC (right) mice at P0 (B and C), P3 (D and E), and P5 (F and G) skin. Positive signals were observed in the cytoplasm of the hair follicle keratinocytes, especially in hair bulb, ORS, IRS, cuticle/cortex and bulge, or sebaceous glands. Some differences between the WT and YPC, for example, the expression in bulb keratinocytes were observed at P3 and P5. Scale bar, 50.



Western Blotting

Image 2. Western blot analysis of anti-SKG3 Pab (ABIN392462 and ABIN2842050) in cell lysate. SGK3 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Please check the product details page for more images. Overall 4 images are available for ABIN392462.