Datasheet for ABIN5590247

anti-TRPV4 antibody (Internal Region)

1 Image

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Overview

Quantity:	50 µg
Target:	TRPV4
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Monkey, Hamster, Horse, Gorilla
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV4 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of TRPV4.
Immunogen:	A synthetic peptide corresponding to 20 amino acid at internal region of human TRPV4.
Specificity:	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Cross-Reactivity:	Cow, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat
Cross-Reactivity (Details):	BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Target Details

Target:	TRPV4
Alternative Name:	TRPV4 (TRPV4 Products)
Background:	Full Gene Name: transient receptor potential cation channel, subfamily V, member 4

Target Details

	Synonyms: OTRPC4,TRP12,VR-OAC,VRL-2,VRL2,VROAC
Gene ID:	59341
Pathways:	Hormone Transport, Cell-Cell Junction Organization

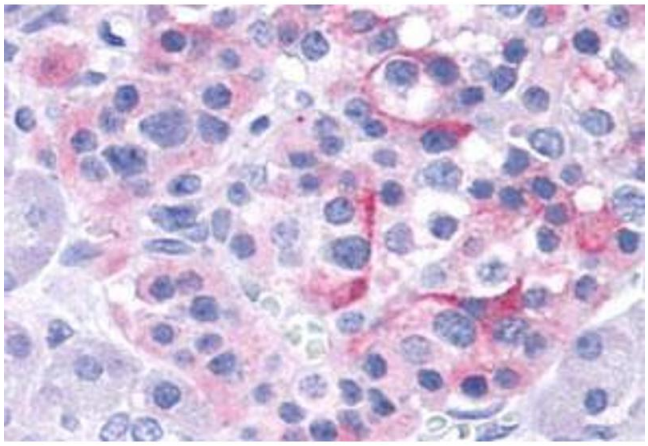
Application Details

Application Notes:	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-7.5 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.09 % 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,-80 °C
Storage Comment:	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human pancreas, islet with TRPV4 polyclonal antibody . Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.