Datasheet for ABIN392041
anti-Ret Proto-Oncogene antibody (C-Term)

2	Images		1	Publication

Overview

Quantity:	400 μL
Target:	Ret Proto-Oncogene (RET)
Binding Specificity:	AA 1012-1042, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RET antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1012-1042 amino acids from the C-terminal region of human RET.
Clone:	RB01561
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Ret Proto-Oncogene (RET)
Alternative Name:	RET (RET Products)
Background:	RET, a member of the cadherin superfamily, is one of the receptor tyrosine kinases, which are cell-surface molecules that transduce signals for cell growth and differentiation. This protein

Target Details

	plays a crucial role in neural crest development, and the gene can undergo oncogenic activation in vivo and in vitro by cytogenetic rearrangement. Mutations i are associated with the disorders multiple endocrine neoplasia, type IIA, multiple endocrine neoplasia, type IIB, Hirschsprung disease, and medullary thyroid carcinoma.
Molecular Weight:	124319
Gene ID:	5979
NCBI Accession:	NP_065681, NP_066124
UniProt:	P07949
Pathways:	RTK Signaling, Dopaminergic Neurogenesis, Regulation of Cell Size, Tube Formation

Application Details

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

Handling

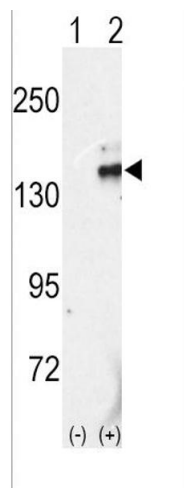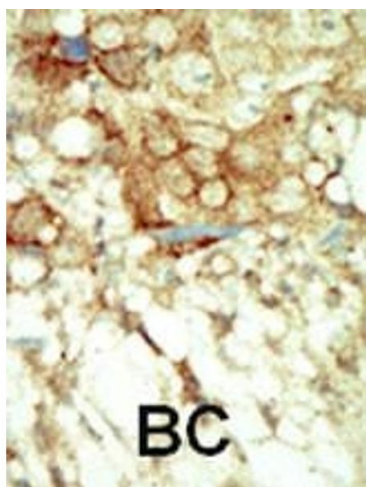|	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	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:	Wibowo, Chuan, Seth, Cordoba, Lua, Middelberg: "Co-administration of non-carrier nanoparticles boosts antigen immune response without requiring protein conjugation." in: **Vaccine**, Vol. 32, Issue 29, pp. 3664-9, (2014) (PubMed).

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