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anti-Ret Proto-Oncogene antibody (N-Term)





Publication



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Quantity:	400 μL
Target:	Ret Proto-Oncogene (RET)
Binding Specificity:	AA 152-182, N-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 152-182 amino acids from the N-terminal region of human RET.
Clone:	RB00705
Isotype:	lg Fraction
	-ga
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
Purification:	<u> </u>

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

Molecular Weight:

Gene ID:

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.
124319

NCBI Accession: NP_065681, NP_066124

5979

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

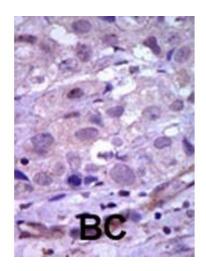
Publications

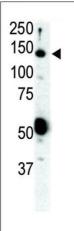
Product cited in:

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).





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. Western blot analysis of anti-Ret Pab (ABIN392038 and ABIN2841806) in SKBR3 cell lysate. Ret (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.