Datasheet for ABIN3032460

anti-Ret Proto-Oncogene antibody (AA 1012-1042)

3 Images

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Overview

Quantity:	0.4 mL
Target:	Ret Proto-Oncogene (RET)
Binding Specificity:	AA 1012-1042
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ret Proto-Oncogene antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 1012-1042 from the human protein was used as the immunogen for this RET antibody.
Isotype:	Ig Fraction
Purification:	Purified

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 plays a crucial role in neural crest development, and the gene can undergo oncogenic activation

Target Details

	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.
UniProt:	P07949
Pathways:	RTK Signaling, Dopaminergic Neurogenesis, Regulation of Cell Size, Tube Formation

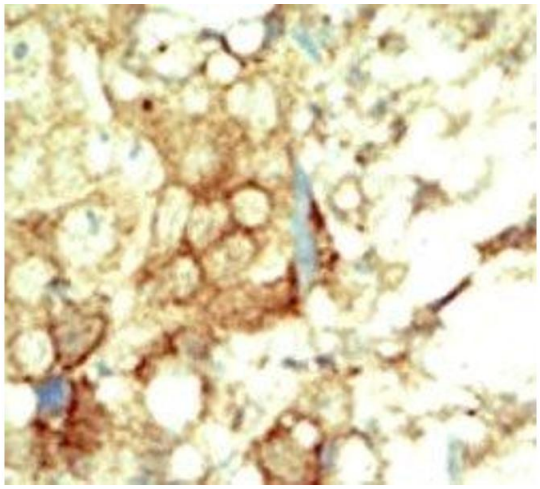
Application Details

Application Notes:	Titration of the RET antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100
Restrictions:	For Research Use only

Handling

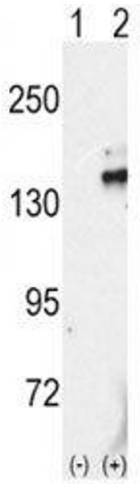
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the RET antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



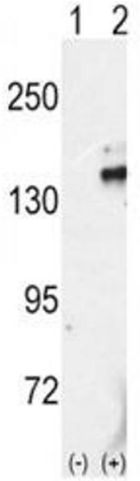
Immunohistochemistry

Image 1. IHC analysis of FFPE human breast carcinoma tissue stained with the RET antibody



Western Blotting

Image 2. Western blot analysis of RET antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the RET gene (2).



Western Blotting

Image 3. Western blot analysis of RET antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the RET gene (2).

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