

## Ret (phospho Tyr1062) Polyclonal Antibody

Catalog No: #13566



Package Size: #13566-1 50ul #13566-2 100ul

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## Description

Product Name	Ret (phospho Tyr1062) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Ret (Y1062) Polyclonal Antibody detects endogenous levels of Ret protein only when phosphorylated at Y1062.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Ret around the phosphorylation site of Tyr1062. AA range:1041-1090
Other Names	RET; CDHF12; CDHR16; PTC; RET51; Proto-oncogene tyrosine-protein kinase receptor Ret; Cadherin family member 12; Proto-oncogene c-Ret
Accession No.	Swiss Prot:P07949GeneID:5979
Uniprot	P07949
GeneID	5979
SDS-PAGE MW	170
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

## Background

ret proto-oncogene(RET) Homo sapiens This gene, a member of the cadherin superfamily, encodes one of the receptor tyrosine kinases, which are cell-surface molecules that transduce signals for cell growth and differentiation. This gene plays a crucial role in neural crest development, and it can undergo oncogenic activation in vivo and in vitro by cytogenetic rearrangement. Mutations in this gene are associated with the disorders multiple endocrine neoplasia, type IIA, multiple endocrine neoplasia, type IIB, Hirschsprung disease, and medullary thyroid carcinoma. Two transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described but their biological validity has not been confirmed. [provided by RefSeq, Jul 2008].

Note: This product is for in vitro research use only