BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Ret(Phospho Tyr1062) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07807
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Ret around the phosphorylation site of Tyr1062. AA range:1041-1090
Mol wt	124319
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Proto-oncogene tyrosine-protein kinase receptor Ret
Synonyms	Proto-oncogene tyrosine-protein kinase receptor Ret; RET; CDHF12; CDHR16; PTC; RET51; Proto-oncogene tyrosine-protein kinase receptor Ret; Cadherin family member 12; Proto-oncogene c-Ret

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

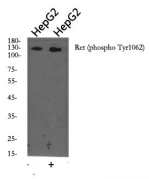
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

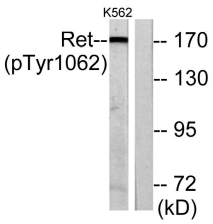
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of Ret (phospho Tyr1062) Polyclonal Antibody, using HepG2 cell treated or untreated with forskolin 40nM 30', 4°C overnight, secondary antibody was diluted at 1:10000, 37°C 1hour.



Western blot analysis of lysates from K562 cells, using Ret (Phospho-Tyr1062) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com