

Rabbit anti-Human RET Polyclonal Antibody | anti-RET antibody

RET Antibody (N-term Q28)

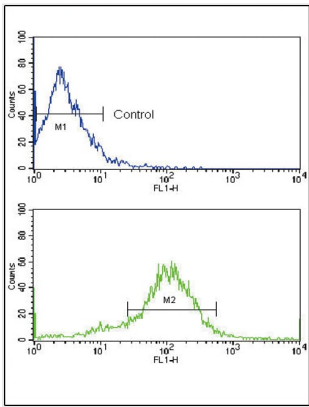
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290403	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

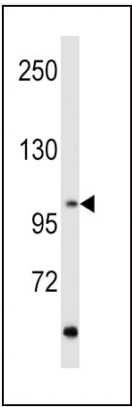
RET; Polyclonal Antibody; RET Antibody (N-term Q28); Proto-oncogene tyrosine-protein kinase receptor Ret; Cadherin family member 12; Proto-oncogene c-Ret; Soluble RET kinase fragment; Extracellular cell-membrane anchored RET cadherin 120 kDa fragment; CDHF12; CDHR16; PTC; RET51; anti-RET antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RET antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-44 amino acids from the N-terminal region of human RET.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.64 (varies by lot)
Sequence Positions	13-44
Sequence Length	1,072
Applicable Applications for anti-RET antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of MCF-7 cells using RET Antibody (N-term Q28) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of hRET-G28 in MCF7 cell line lysates (35ug/lane). RET (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RET antibody	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 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.
Product Categories/Family for anti-RET antibody	Cancer; Signal Transduction
References	Da Silva, A.M., et al., J. Clin. Endocrinol. Metab. 88(11):5438-5443 (2003). McWhinney, S.R., et al., J. Clin. Endocrinol. Metab. 88(10):4911-4916 (2003). D'Alessio, A., et al., Endocrinology 144(10):4298-4305 (2003). Soares, P., et al., Oncogene 22(29):4578-4580 (2003). Punales, M.K., et al., J. Clin. Endocrinol. Metab. 88(6):2644-2649 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	10862701
NCBI GeneID	5979
NCBI Accession #	NP_065681.1; NP_066124.1
NCBI GenBank Nucleotide #	NM_020630.4
UniProt Accession #	P07949; Q15250; Q9BTB0; Q9H4A2; A8K6Z2
Molecular Weight	124319
NCBI Official Full Name	proto-oncogene tyrosine-protein kinase receptor Ret isoform c
NCBI Official Synonym Full Names	ret proto-oncogene
NCBI Official Symbol	RET
NCBI Official Synonym Symbols	PTC; MTC1; HSCR1; MEN2A; MEN2B; RET51; CDHF12; CDHR16; RET-ELE1
NCBI Protein Information	proto-oncogene tyrosine-protein kinase receptor Ret
UniProt Protein Name	Proto-oncogene tyrosine-protein kinase receptor Ret
UniProt Gene Name	RET

UniProt Synonym Gene Names	CDHF12; CDHR16; PTC; RET51
UniProt Entry Name	RET_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ret-antibody-flow-cytometry-western-blot-elisa/290403>