

RET Polyclonal Antibody(Capture/Detector)

catalog number: AN000810P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

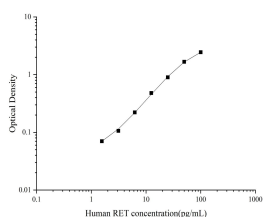
Reactivity	Human
Immunogen	Recombinant Human RET protein expressed by Mammalian
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications

Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Recombinant Human RET protein standard curve. Background subtracted standard curve using RET antibody(AN000810P)(Capture), RET antibody(AN000810P) (Detector) in sandwich ELISA. The reference range value for Recombinant Human RET protein is 1.56-100 pg/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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 II B, 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. RET (Ret Proto-Oncogene) is a Protein Coding gene. Diseases associated with RET include Multiple Endocrine Neoplasia Iia and Medullary Thyroid Carcinoma, Familial. Among its related pathways are RET signaling and Innate Immune System. GO annotations related to this gene include calcium ion binding and protein kinase activity. An important paralog of this gene is PDGFRB.

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