

**Anti-Human RET Polyclonal Antibody****Polyclonal Antibody****Cat.NO.: PA04507**

3th Edition

**Description:** 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. 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.

**Antigen:** Synthesized peptide derived from Ret

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**