

Ret Rabbit Polyclonal Antibody

Catalog No: #53003

Package Size: #53003-1 50ul #53003-2 100ul

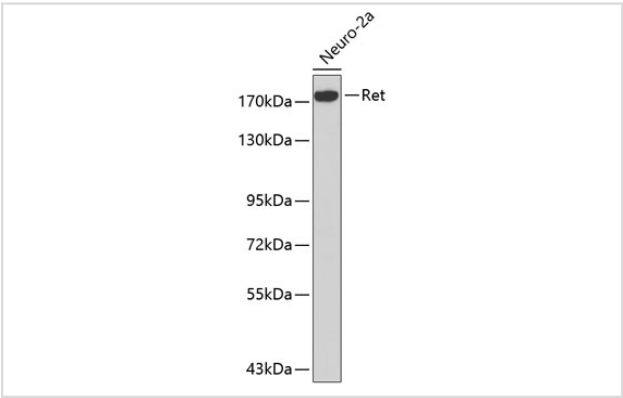
Description

Product Name	Ret Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human Ret (NP_066124.1).
Conjugates	Unconjugated
Other Names	RET;CDHF12;CDHR16;HSCR1;MEN2A;MEN2B;MTC1;PTC;RET-ELE1;RET51
Accession No.	Swiss Prot:P07949Gene ID:5979
Calculated MW	119kDa/124kDa
SDS-PAGE MW	180kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

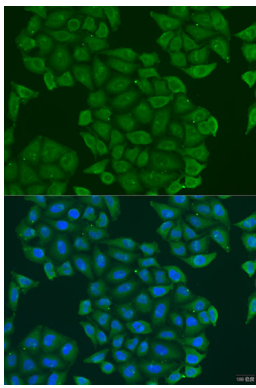
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

Images



Western blot analysis of extracts of Neuro-2a cells, using Ret antibody.



Immunofluorescence analysis of U2OS cells using RET antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.