

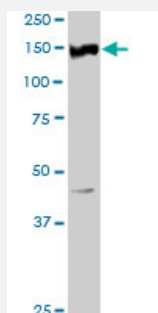
MaxPab®

RET purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005979-D01P

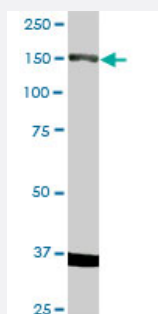
Size 100 ug

Applications



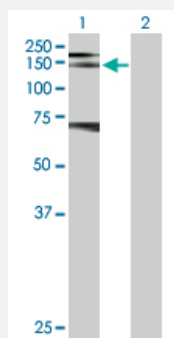
Western Blot (Tissue lysate)

RET MaxPab rabbit polyclonal antibody. Western Blot analysis of RET expression in mouse liver.



Western Blot (Tissue lysate)

RET MaxPab rabbit polyclonal antibody. Western Blot analysis of RET expression in human liver.

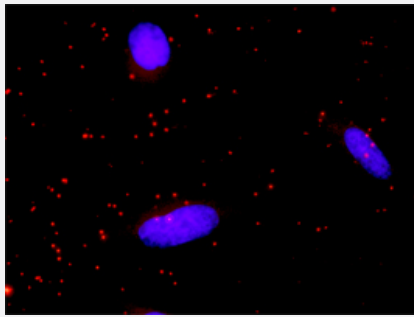


Western Blot (Transfected lysate)

Western Blot analysis of RET expression in transfected 293T cell line ([H00005979-T02](#)) by RET MaxPab polyclonal antibody.

Lane 1: RET transfected lysate(119.80 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between RET and MAPK1. HeLa cells were stained with anti-RET rabbit purified polyclonal 1:1200 and anti-MAPK1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RET protein.
Immunogen	RET (AAH04257.1, 1 a.a. ~ 1072 a.a) full-length human protein.
Sequence	MAKATSGAAGLRLLLLLLPLLGKVALGLYFSRDAYWEKLYVDQAAAGTPLLYVHALRDAPEEVPS FRLGQHLYGTYRTRLHENNWICIQEDTGLLYLNRSLDHSSWEKLSVRNRGFPLLTVYLVFLSPTSL REGECQWPGCARVYFSFFNTSFPACSSSLKPRELCFPETRPSFRIENRPPGTFHQFRLLPVQFL CPNISVAYRLLERGEGLPFRCAPDSLEVSTRWALDREQREKYELVAVCTVHAGAREEVVMVPFPV TVYDEDDSAPTFPAGVDTASAVVEFKRKEDTVVATLRVFDADVVPASGELVRRYTSTLLPGDTW AQQTFRVEHWPNETSVQANGSFVRATVHDYRLVLNRNLSISENRTMQLAVLVNDSDFQGPAGV LLHFNVSVLPVSLHLPSTYSLSVSRRARRFAQIGKVCVENCQAFSGINVQYKLHSSGANCSLGV VTSAEDTSGILFVNDTKALRRPKCAELHYMVVATDQQTSRQAQAQLLVTEGSYVAEEAGCPLS CAVSKRRLECEECCGLGSPTRCEWRQGDGKGITRNFSTCSPSTKTCPDGHCDVETQDINICP QDCLRGSIVGGHEPGEPRGKAGYGTNCNCFPEEEKCFCEPEDIQDPLCDEL CRTVIAAAVLFSFV SVLLSAFCIHCHYKFAHKPPISSAEMTFRRPAQAFPVSYSSSSARRPSLDSMENQVSVDAFKILE DPKWEFPRKNLVLGKTLGEGEFGKVVKATAFHLKGRAGYTTVAVKMLKENASPSSEL RDLLSEFN VLKQVNHPHVIKLYGACSQDGPLLLMEYAKYGSRLGFLRESRKVGPGYLGSGGSRNSSSLDHPD ERALTMGDLISFAWQISQGMQYLAEMKLVHRDLAARNILVAEGRMKISDFGLSRDVYEEDSYVK RSQGRIPVKWMAIESLFDHIYTTQSDVVSFGVLLWENTLGGNPYPGIPPERLFNLLKTGHRMERP DNCSEEMYCLMLQCWKQEPDKRPVFADISKDLEKMMVKRRDYDLAASTPSDSL YDDGLSEEE TPLVDCNNAPLPRALPSTWIENKLYGRISHAFTRF
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

RET MaxPab rabbit polyclonal antibody. Western Blot analysis of RET expression in mouse liver.

[Protocol Download](#)

- Western Blot (Tissue lysate)

RET MaxPab rabbit polyclonal antibody. Western Blot analysis of RET expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

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Gene Info — RET

Entrez GeneID [5979](#)

GeneBank Accession# [BC004257.1](#)

Protein Accession# [AAH04257.1](#)

Gene Name RET

Gene Alias CDHF12, HSCR1, MEN2A, MEN2B, MTC1, PTC, RET-ELE1, RET51

Gene Description ret proto-oncogene

Omim ID [142623](#) [155240](#) [162300](#) [164761](#) [171300](#) [171400](#) [209880](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

RET transforming sequence|cadherin family member 12|hydroxyaryl-protein kinase|oncogene RET|receptor tyrosine kinase|ret proto-oncogene (multiple endocrine neoplasia and medullary thyroid carcinoma 1, Hirschsprung disease)

Pathway

- [Endocytosis](#)
- [Pathways in cancer](#)
- [Thyroid cancer](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Adrenal Gland Neoplasms](#)
- [Alzheimer Disease](#)
- [Atherosclerosis](#)
- [Carcinoma](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Digestive System Abnormalities](#)
- [Disease Progression](#)
- [Down Syndrome](#)
- [Endocrine Gland Neoplasms](#)

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glomus Tumor](#)
- [Hashimoto Disease](#)
- [Head and Neck Neoplasms](#)
- [Hippel-Lindau Disease](#)
- [Hirschsprung Disease](#)
- [Hydronephrosis](#)
- [Hyperplasia](#)
- [Hypertension](#)
- [Intestinal Diseases](#)
- [Kidney Diseases](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Macular Degeneration](#)
- [Multiple endocrine neoplasia](#)
- [Multiple Endocrine Neoplasia Type 2a](#)
- [Multiple Endocrine Neoplasia Type 2b](#)
- [Necrosis](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neurofibromatosis](#)
- [Nondisjunction](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)

- [Paraganglioma](#)
- [Parkinson disease](#)
- [Pheochromocytoma](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)
- [Sudden Infant Death](#)
- [Syndrome](#)
- [Taste](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urea Cycle Disorders](#)
- [Urinary Bladder Neoplasms](#)
- [Urogenital Abnormalities](#)
- [Vesico-Ureteral Reflux](#)
- [Vitamin A Deficiency](#)
- [von Hippel-Lindau Disease](#)
- [Von Hippel-Lindau syndrome](#)
- [Werner syndrome](#)