

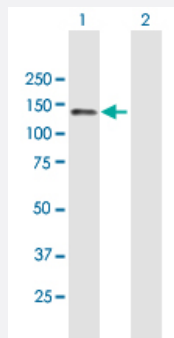
MaxPab®

RET purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005979-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RET expression in transfected 293T cell line ([H00005979-T01](#)) by RET MaxPab polyclonal antibody.

Lane 1: RET transfected lysate(117.92 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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

MAKATSGAAGLRLLLLLLPLLGKVALGLYFSRDAYWEKLYVDQAAGTPLLYVHALRDAPEEVPS
FRLGQHLYGTYRTRLHENNNWICIQEDTGLLYLNRSLDHSSWEKLSVRNRGFLLTVYLVKFLSPTSL
REGECQWPGCARVYFSFFNTSFPACSSLKPRELCFPETRPSFRIENRPPGTFHQFRLLPVQFL
CPNISVAYRLLEGEGLPFRCAPDSLEVSTRWALDREQREKYELVAVCTVHAGAREEVMMVPFPV
TVYDEDDSAPTFPAGVDTASAVVEFKRKEDTVVATLRVFDADVVPASGELVRRYTSTLLPGDTW
AQQTRFRVEHWPNETSVQANGSFVRATVHDYRLVLNRNLSISENRTMQLAVLVNDSDFQGPAGV
LLHFNVSVLPVSLHLPSTYSLSVSRRARRFAQIGKVCVENCQAFSGINVQYKLHSSGANCSTLGV
VTSAEDTSGILFVNDDTKALRRPKCAELHYMVVATDQQTSRQAQAQLLVTEGYSVAEEAGCPLS
CAVSKRRLECEECGGLGSPTGRCEWRQGDGKGITRNFSTCSPSTKTCPDGHCDVVETQDINICP
QDCLRGSI VGGHEPGEPGRIKAGYGTNCNCFPEEEKCFCEPEDIQDPLCDEL CRTVIAAAVLFSFV
SVLLSAFCIHCHYKFAHKPPISSAEMTFRRPAQAFPVSYSSSSARRPSLDSMENQVSVDAFKILE
DPKWEFPRKNLVLGKTLGEGEFGKVVKATAFHLKGRAGYTTVAVKMLKENASPSLRDLLSEFN
VLKQVNHVPHVIKLYGACSDGPELLLMEYAKYGSRLRGFLRESRKVGPGYLGS GGSRNSSSLDHPD
ERALTMGDLISFAWQISQGMQYLAEMKLVHRDLAARNILVAEGRKMKISDFGLSRDVEEDSYVK
RSQGRIPVKWMAIESLFDHYTTQSDVVSFGVLLWENTLGGNPYPGIPPERLFNLLKTGHRMERP
DNCSEEMYCLMLQCWKQEPDKRPVFADISKDLEKMMVKRRDYDLAASTPSDSLIDDGLSEEE
TPLVDCNNAPLPRALPSTWIENKLYGRISHAFTRF

Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

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](#)
- [Paranglioma](#)
- [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](#)