

Rabbit anti-Human Ret Polyclonal Antibody | anti-RET antibody

Ret Polyclonal Antibody

CATALOG # AAA29335	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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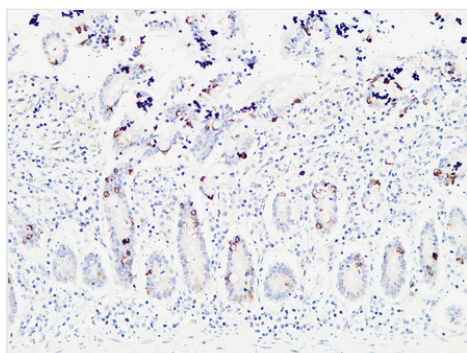
PRODUCT SYNONYMS

Ret; Polyclonal Antibody; Ret Polyclonal Antibody; Proto-oncogene tyrosine-protein kinase receptor Ret (EC 2.7.10.1)(Cadherin family member 12)(Proto-oncogene c-Ret)[Cleaved into: Soluble RET kinase fragment; Extracellular cell-membrane anchored RET cadherin 120 kDa fragment]; anti-RET antibody

PRODUCT SPECIFICATIONS

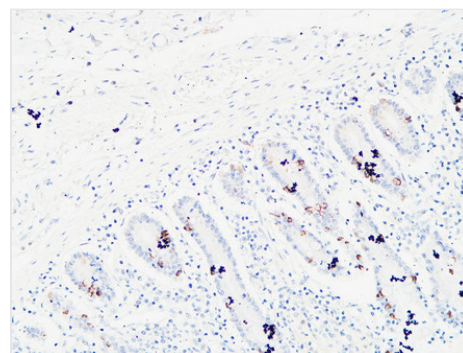
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-RET antibody	WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



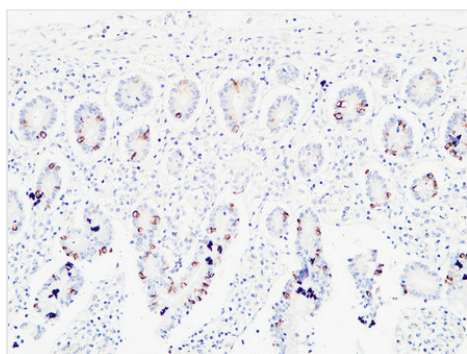
IHC (Immunohistochemistry)

Dilution: IHC-p: 100-300.WB 1:500-2000, ELISA 1:10000-20000



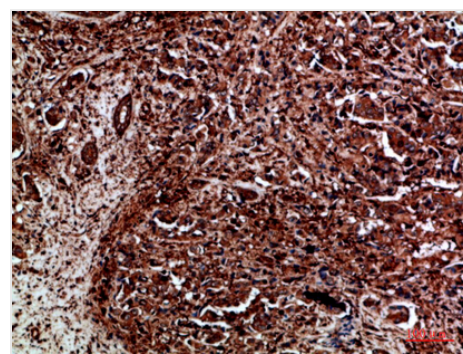
IHC (Immunohistochemistry)

Dilution: IHC-p: 100-300.WB 1:500-2000, ELISA 1:10000-20000



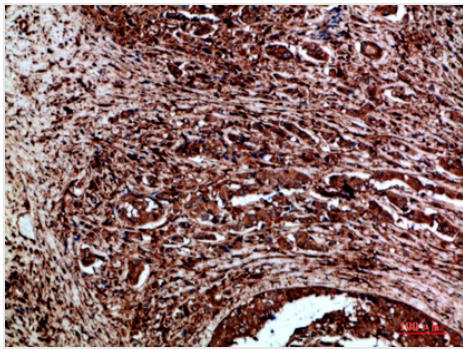
IHC (Immunohistochemistry-Paraffin)

Dilution: IHC-p: 100-300.WB 1:500-2000, ELISA 1:10000-20000



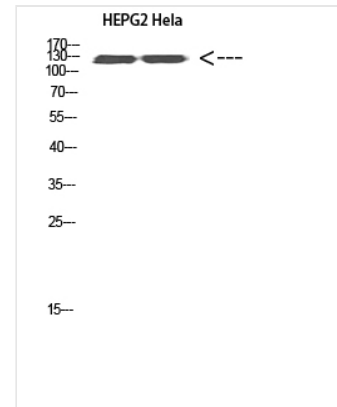
IHC (Immunohistochemistry-Paraffin)

Dilution: IHC-p: 100-300.WB 1:500-2000, ELISA 1:10000-20000



IHC (Immunohistochemistry-Paraffin)

Dilution: IHC-p: 100-300.WB 1:500-2000, ELISA 1:10000-20000



IHC (Immunohistochemistry)

Dilution: IHC-p: 100-300.WB 1:500-2000, ELISA 1:10000-20000

ADDITIONAL INFORMATION

Related Product Information for anti-RET antibody

Receptor tyrosine-protein kinase involved in numerous cellular mechanisms including cell proliferation, neuronal navigation, cell migration, and cell differentiation upon binding with glial cell derived neurotrophic factor family ligands. Phosphorylates PTK2/FAK1. Regulates both cell death/survival balance and positional information. Required for the molecular mechanisms orchestration during intestine organogenesis; involved in the development of enteric nervous system and renal organogenesis during embryonic life, and promotes the formation of Peyer's patch-like structures, a major component of the gut- associated lymphoid tissue. Modulates cell adhesion via its cleavage by caspase in sympathetic neurons and mediates cell migration in an integrin (e.g. ITGB1 and ITGB3)-dependent manner. Involved in the development of the neural crest. Active in the absence of ligand, triggering apoptosis through a mechanism that requires receptor intracellular caspase cleavage. Acts as a dependence receptor; in the presence of the ligand GDNF in somatotrophs (within pituitary), promotes survival and down regulates growth hormone (GH) production, but triggers apoptosis in absence of GDNF. Regulates nociceptor survival and size. Triggers the differentiation of rapidly adapting (RA) mechanoreceptors. Mediator of several diseases such as neuroendocrine cancers; these diseases are characterized by aberrant integrins-regulated cell migration. Mediates, through interaction with GDF15-receptor GFRAL, GDF15-induced cell- signaling in the brainstem which induces inhibition of food- intake. Activates MAPK- and AKT-signaling pathways (PubMed:28953886, PubMed:28846099). Isoform 1 in complex with GFRAL induces higher activation of MAPK-signaling pathway than isoform 2 in complex with GFRAL (PubMed:28846099).

NCBI AND UNIPROT INFORMATION

NCBI GI #	10862701
NCBI GeneID	5979
NCBI Accession #	NP_065681.1
NCBI GenBank Nucleotide #	NM_020630.4
UniProt Accession #	P07949 ; Q15250 ; Q9BTB0 ; Q9H4A2 ; A8K6Z2
Molecular Weight	124,319 Da
NCBI Official Full Name	proto-oncogene tyrosine-protein kinase receptor Ret isoform c
NCBI Official Synonym Full Names	ret proto-oncogene
NCBI Official Symbol	RET
NCBI Official Synonym Symbols	PTC; MTC1; HSCR1; MEN2A; MEN2B; RET51; CDHF12; CDHR16; RET-ELE1
NCBI Protein Information	proto-oncogene tyrosine-protein kinase receptor Ret; proto-oncogene c-Ret; receptor tyrosine kinase; RET transforming sequence; cadherin family member 12; hydroxyaryl-protein kinase; cadherin-related family member 16; ret proto-oncogene (multiple endocrin
UniProt Protein Name	Proto-oncogene tyrosine-protein kinase receptor Ret

UniProt Gene Name	RET
UniProt Synonym Gene Names	CDHF12; CDHR16; PTC; RET51
UniProt Entry Name	RET_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ret-antibody-western-blot-immunohistochemistry-elisa/29335>