

Rabbit anti-Human c-Kit Polyclonal Antibody | anti-c-Kit antibody

Rabbit anti-c-Kit Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212145	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

c-Kit; Polyclonal Antibody; Rabbit anti-c-Kit Antibody; Affinity Purified; piebald trait protein; proto-oncogene c-Kit; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene-like protein; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog; tyrosine-protein kinase Kit; soluble KIT variant 1; proto-oncogene tyrosine-protein kinase Kit; p145 c-kit; CD antigen CD117; MASTC; PBT; mast/stem cell growth factor receptor Kit; c-Kit protooncogene; C-Kit; CD117; SCFR; Mast/stem cell growth factor receptor Kit; KIT proto-oncogene receptor tyrosine kinase; anti-c-Kit antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-c-Kit antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 926 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human c-Kit by western blot and immunoprecipitation. Samples: Whole cell lysate from human erythroleukemia (HEL) cells (50, 15, and 5 ug for WB; 1 mg for IP, 20% of IP loaded and HEK293T (T; 50 ug). Antibodies: Affinity purified rabbit anti-c-Kit antibody AAA212145 used for WB at 0.1 ug/ml (A) and 1.0 ug/ml (B) and used for IP at 3 ug/mg lysate. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



IHC (Immunohistochemistry)

Detection of human c-Kit by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-c-Kit (Cat. No. AAA212145 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-c-Kit antibody	c-Kit is the receptor for stem cell factor (mast cell growth factor). It is a transmembrane receptor with tyrosine-protein kinase activity. Binding of the ligands leads to the autophosphorylation of the c-Kit receptor and its association with substrates such as phosphatidylinositol 3-kinase (Pi3K) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P10721].
Product Categories/Family for anti-c-Kit antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557695
NCBI GeneID	3815
NCBI Accession #	NP_000213.1
NCBI GenBank Nucleotide #	NM_000222.2
UniProt Accession #	P10721; Q6IQ28; Q99662; Q9UM99; B5A956; D5LXN2; D5M931; F5H8F8
Molecular Weight	109,865 Da
NCBI Official Full Name	mast/stem cell growth factor receptor Kit isoform 1
NCBI Official Synonym Full Names	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
NCBI Official Symbol	KIT
NCBI Official Synonym Symbols	PBT; SCFR; C-Kit; CD117
NCBI Protein Information	mast/stem cell growth factor receptor Kit; p145 c-kit; proto-oncogene c-Kit; piebald trait protein; soluble KIT variant 1; tyrosine-protein kinase Kit; proto-oncogene tyrosine-protein kinase Kit; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene-like
UniProt Protein Name	Mast/stem cell growth factor receptor Kit
UniProt Gene Name	KIT
UniProt Synonym Gene Names	SCFR; SCFR; PBT
UniProt Entry Name	KIT_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://stage.aaabiotech.com/polyclonal/c-kit-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212145>