

Rabbit anti-Human, Mouse KIT Polyclonal Antibody | anti-KIT antibody

KIT (Phospho-Tyr936) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316187	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

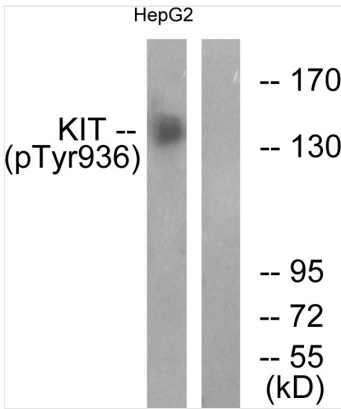
PRODUCT SYNONYMS

KIT; Polyclonal Antibody; KIT (Phospho-Tyr936) Antibody; anti-KIT antibody

PRODUCT SPECIFICATIONS

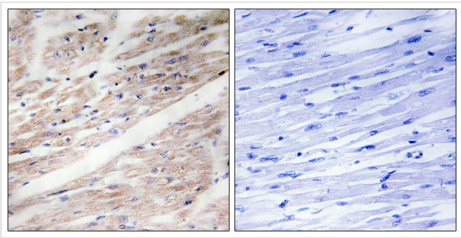
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	KIT (Phospho-Tyr936) Antibody detects endogenous levels of KIT only when phosphorylated at Tyr936.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	413
Applicable Applications for anti-KIT antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y936; M:Y934
Immunogen	The antiserum was produced against synthesized peptide derived from human KIT around the phosphorylation site of Tyr936.
Immunogen Range	906-955
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HepG2 cells treated with EGF 200ng/ml 30', using KIT (Phospho-Tyr936) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human heart, using KIT (Phospho-Tyr936) Antibody. The picture on the right is blocked with the phospho peptide.

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 kDa
NCBI Official Full Name	mast/stem cell growth factor receptor Kit isoform 1
NCBI Official Synonym Full Names	KIT proto-oncogene receptor tyrosine kinase
NCBI Official Symbol	KIT
NCBI Official Synonym Symbols	PBT; SCFR; C-Kit; CD117
NCBI Protein Information	mast/stem cell growth factor receptor Kit
UniProt Protein Name	Mast/stem cell growth factor receptor Kit
UniProt Gene Name	KIT
UniProt Synonym Gene Names	SCFR; SCFR; PBT

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.