

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

KIT (Phospho-Tyr936) Antibody

CATALOG # AAA267432	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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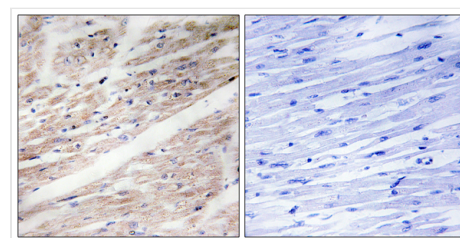
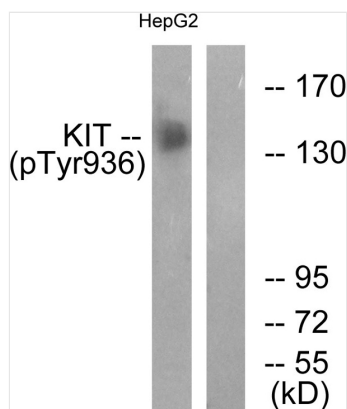
PRODUCT SYNONYMS

KIT; KIT (Phospho-Tyr936) Antibody; c-kit; CD117; EC 2.7.10.1; kinase Kit; Mast/stem cell growth factor receptor precursor; SCFR; SL; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog; anti-KIT antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	KIT (Phospho-Tyr936) antibody detects endogenous levels of KIT only when phosphorylated at tyrosine 936.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	976
Applicable Applications for anti-KIT antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human KIT around the phosphorylation site of tyrosine 936 (H-I-YP-S-N).
All Sites	Human: Tyr936 Mouse: Tyr934
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using KIT (Phospho-Tyr936) antibody. Western blot analysis of extracts from HepG2 cells, treated with EGF (200ng/ml, 30mins), using KIT (Phospho-Tyr936) antibody.

ADDITIONAL INFORMATION

References	Yarden Y., EMBO J. 6:3341-3351(1987). Giebel L.B., Oncogene 7:2207-2217(1992). Andre C., Genomics 39:216-226(1997).
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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	46,658 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/kit/267432>