

DNAPab

Hard-to-Find
Antibody

KIT DNAPab

Catalog # H00003815-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human KIT DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MRGARGAWDFLCVLLLLRVQTGSSQPSVSPGEPSPPSIHPGKSDLIVRVGDEIRLLCTDPGFVK WTFEILDETENENKQNEWITEKAEATNTGKYCTNKHGLSNSIYFVRDPAKFLVDRSLYGKEDND TLVRCPLTDPEVTNYSKGCQKPLPKDLRFIPDPKAGIMKSVKRAYHRLCLHCSVDQEGKSVL EKFILKVRPAFKAVPVVSVSKASYLLREGEEFTVTCTIKDVSSSVYSTWKRENSQTKLQEKYNSW HHGDFNYERQATLTISSARVNDSGVFMCYANNTFGSANVTTTLEVVDKGFNIFPMINTTVFVNDGE NVDLIVEYEAFFPKPEHQWYMNRTFTDKWEDYPKSESNIRYVSELHLTRLKGTEGGTYTFLVS NSDVNAIAFNVVNTKPEILTYDRLVNGMLQCVAAGFPEPTIDWYFCPGTEQRCSASVLPVDVQ TLNSSGPPFGKLVVQSSIDSSAFKHNGTVECKAYNDVGKTSAYFNFAFKGNNKEQIHPHTLFTPLL IGFVIVAGMMCIVMILTYKYLQKPMYEVQWKVVEEINGNNYVIDPTQLPYDHKWEFPRNRLSFGKT LGAGAFGKVVEATAYGLIKSDAAMTVAVKMLKPSAHLTEREALMSELKVLSYLGNHMNVNLLGA CTIGGPTLVITEYCCYGDLLNFLRRKRDSFICKQEDHAEAALYNLLHSESSCSDSTNEYMDMK PGVSYYVPTKADKRRSVRIGSYIERDVTPAIMEDELADLEDLLSFSYQVAKGMAFLASKNCIHRD LAARNILLTHGRITKICDFGLARDIKNDSNYVVKGNARLPVKWMAHESIFNCVYTFESDVWSYGIFL WELFSLGSSPYPGMPVDSKFYKMIKEGFRMLSPEHAPAEMYDIMKTCWDADPLKRPTFKQVQLI EKQSESTNHIYSNLANCSPNRQKPVVDHSVRINSVGSTASSSQPLLHDDV
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — KIT

Entrez GeneID [3815](#)

GeneBank Accession# [BC071593.1](#)

Protein Accession# [AAH71593.1](#)

Gene Name KIT

Gene Alias C-Kit, CD117, PBT, SCFR

Gene Description v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog

Omim ID [164920](#) [172800](#) [273300](#) [601626](#) [606764](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the human homolog of the proto-oncogene c-kit. C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in this gene are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations mast/stem cell growth factor receptor|proto-oncogene tyrosine-protein kinase Kit|soluble KIT variant 1

Pathway

- [Acute myeloid leukemia](#)
- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)

- [Hematopoietic cell lineage](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)

Disease

- [Acute Disease](#)
- [Aneuploidy](#)
- [Azoospermia](#)
- [Chronic Disease](#)
- [Constipation](#)
- [Disease Progression](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Neoplasms](#)
- [Hyperpigmentation](#)
- [Infertility](#)
- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Malignant melanoma](#)
- [Mastocytosis](#)
- [Melanoma](#)
- [Neoplasm](#)
- [Neoplasm Recurrence](#)
- [Neoplasm Seeding](#)
- [Oligospermia](#)

- [Osteoporosis](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Skin Neoplasms](#)
- [Splenic Neoplasms](#)
- [Stomach Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Translocation](#)