

## KIT

**Reactivity:** Human

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:1000 IHC 1:50 - 1:100

**Calculated MW:** 110kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human KIT

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PBT; SCFR; C-Kit; CD117;

**Catalog #:** A7521

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3815

**Isotype:** IgG

**Swiss Prot:** P10721

**Purity:** Affinity purification

For research use only.

**Background:**

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.

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