

# c-Kit(Phospho Tyr703) Polyclonal Antibody

# Description

Product type Primary Antibody

Code BT-AP14548

**Host** Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human KIT around the

phosphorylation site of Tyr703. AA range:671-720

Mol wt 109865

Species reactivity Human, Mouse

**Clonality** Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Mast/stem cell growth factor receptor Kit

Synonyms Mast/stem cell growth factor receptor Kit; KIT; SCFR; Mast/stem cell growth factor receptor Kit; SCFR;

Piebald trait protein; PBT; Proto-oncogene c-Kit; Tyrosine-protein kinase Kit; p145 c-kit; v-kit Hardy-

Zuckerman 4 feline sarcoma viral oncogene homolog; CD antigen CD117

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

# Background

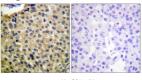
This gene encodes the human homolog of the proto-oncogene c-kit. C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in this gene are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

#### **Recommended Dilution**

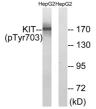
WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 ELISA: 1: 5000

Not yet tested in other applications.

# Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using KIT (Phospho-Tyr703) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HepG2 cells treated with EGF 200ng/ml 30', using KIT (Phospho-Tyr703) Antibody. The lane on the right is blocked with the phospho peptide.

# Storage

-20°C for 1 year

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