

Datasheet for ABIN7268408
anti-KIT antibody (pTyr719)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	KIT
Binding Specificity:	pTyr719
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-CD117/c-Kit-Y719 Rabbit pAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y719 of human Kit
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	KIT
Alternative Name:	Kit (KIT Products)

Target Details

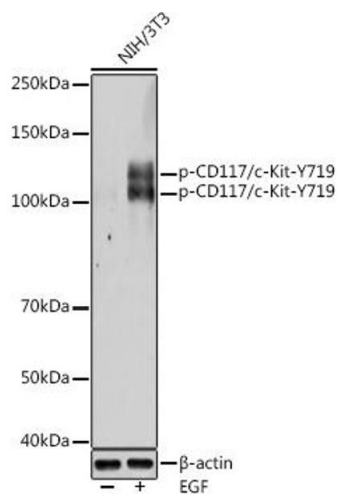
Background:	This gene encodes the human homolog of the proto-oncogene c-kit. C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in this 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.,KIT,C-Kit,CD117,PBT,SCFR,c-kit,Cancer,Signal Transduction,Kinase,Tyrosine kinases,Cell Biology & Developmental Biology,Growth factor,Immunology & Inflammation,CD markers,Cytokines,Neuroscience,Cell Type Marker,Stem Cells,Germline Stem Cells,Hematopoietic Progenitors,Protein phosphorylation,Kit
Molecular Weight:	46kDa/109kDa
Gene ID:	3815
UniProt:	P10721
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Sensory Perception of Sound , Stem Cell Maintenance , Production of Molecular Mediator of Immune Response , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of NIH/3T3 cells, using Phospho-CD117/c-Kit-Y719 antibody (ABIN7268408) at 1:500 dilution. NIH/3T3 cells were treated by EGF (100 ng/mL) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.