

Datasheet for ABIN1538599
anti-KIT antibody (AA 724-753)



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1 Image

Overview

Quantity:	400 µL
Target:	KIT
Binding Specificity:	AA 724-753
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KIT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 724-753 amino acids from the Central region of human KIT.
Clone:	RB39426
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KIT
Alternative Name:	KIT (KIT Products)
Background:	This gene encodes the human homolog of the proto-oncogene c-kit. C-kit was first identified as

Target Details

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.

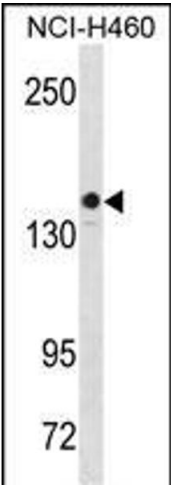
Molecular Weight:	109865
Gene ID:	3815
NCBI Accession:	NP_000213 , NP_001087241
UniProt:	P10721
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Sensory Perception of Sound , Stem Cell Maintenance , Production of Molecular Mediator of Immune Response , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	KIT Antibody (Center S746) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. KIT Antibody (ABIN1538599 and ABIN2850081) western blot analysis in NCI- cell line lysates (35 μ g/lane). This demonstrates the KIT antibody detected the KIT protein (arrow).