

Datasheet for ABIN392008
anti-KIT antibody (N-Term)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	400 µL
Target:	KIT
Binding Specificity:	AA 9-40, N-Term
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This c-KIT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-40 amino acids from the N-terminal region of human c-KIT.
Clone:	RB1558
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	KIT
Alternative Name:	c-KIT (KIT Products)

Target Details

Background:	KIT 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. KIT is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in KIT are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism.
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

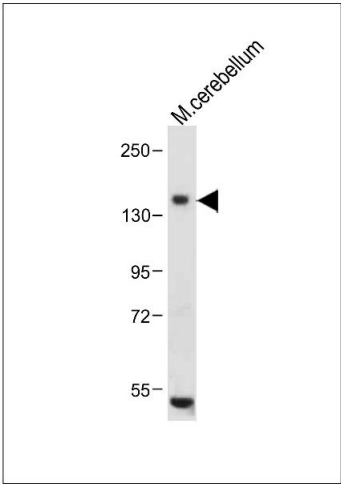
Handling

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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Wright, Robles, Herschkowitz, Hollingshead, Anver, Perou, Varticovski: "Molecular analysis
-------------------	--

reveals heterogeneity of mouse mammary tumors conditionally mutant for Brca1." in:
Molecular cancer, Vol. 7, pp. 29, (2008) ([PubMed](#)).



Western Blotting

Image 1. Anti-c-KIT Antibody (N-term) at 1:1000 dilution+ Mouse cerebellum tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 110 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.