

Datasheet for ABIN517345
anti-KIT antibody (AA 1-976)



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2 Images

Overview

Quantity:	100 µg
Target:	KIT
Binding Specificity:	AA 1-976
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIT antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human KIT protein.
Immunogen:	KIT (AAH71593.1, 1 a.a. ~ 976 a.a) full-length human protein.
Sequence:	MRGARGAWDF LCVLLLLLRV QTGSSQPSVS PGEPSPPSIH PGKSDLIVRV GDEIRLLCTD PGFVKWTFEI LDETENENKQN EWITEKAEAT NTGKYTCTNK HGLSNSIYVF VRDPAKLFLV DRSLYGKEDN DTLVRCPLTD PEVTNYSKLG CQGKPLPKDL RFIPDPKAGI MIKSVKRAYH RLCLHCSVDQ EGKSVLSEKF ILKVRPAFKA VPVSVSKAS YLLREGEEFT VTCTIKDVSS SVYSTWKREN SQTQLQEKYN SWHHGDFNYE RQATLTISSA RVNDSGVFMC YANNTFGSAN VTTTLEVVDK GFINIFPMIN TTVFVNDGEN VDLIVEYEAF PKPEHQWYIY MNRTFTDKWE DYPKSENESEN IRYVSELHLT RLKGTEGGTY TFLVNSSDVN AAIAFNVYVN TKPEILTYDR LVNGMLQCVA AGFPEPTIDW YFCPGTEQRC SASVLPVDVQ TLNSSGPPFG KLVVQSSIDS SAFKHNGTVE CKAYNDVGKT SAYFNFAFKG NNKEQIHPHT LFTPLLIGFV IVAGMMCIIV MILTYKYLQK PMYEVQWKVV EEINGNNYVY IDPTQLPYDH KWEFPRNRLS FGKTLGAGAF

Product Details

GKVVEATAYG LIKSDAAMTV AVKMLKPSAH LTEREALMSE LKVLSYLGNH MNIVNLLGAC
TIGGPTLVIT EYCCYGDLLN FLRRKRDSFI CSKQEDHAEA ALYKNLLHSK ESSCSDSTNE
YMDMKPGVSY VVPTKADKRR SVRIGSYIER DVTPAIMEDD ELAIDLEDLL SFSYQVAKGM
AFLASKNCIH RDLAARNILL THGRITKICD FGLARDIKND SNYVVKGNAR LPVKWMAHES
IFNCVYTFES DVWSYGIFLW ELFSLGSSPY PGMPVDSKFY KMIKEGFRML SPEHAPAEMY
DIMKTCWDAD PLKRPTFKQI VQLIEKQISE STNHIYSNLA NCSPNRQKPV VDHSVRINSV
GSTASSSQPL LVHDDV

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

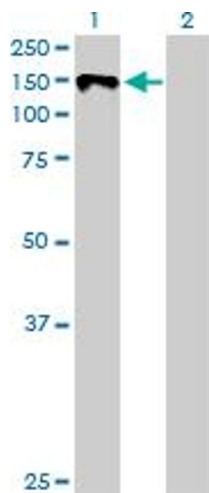
Target:	KIT
Alternative Name:	KIT (KIT Products)
Background:	Full Gene Name: v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog Synonyms: C-Kit,CD117,PBT,SCFR
Gene ID:	3815
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , 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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

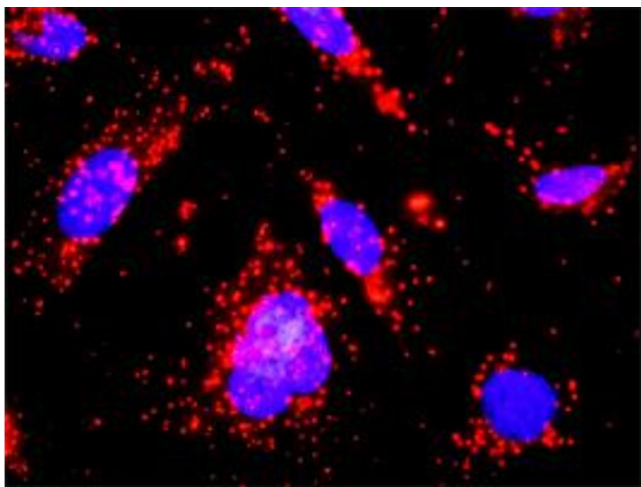


Western Blotting

Image 1. Western Blot analysis of KIT expression in transfected 293T cell line by KIT MaxPab polyclonal antibody.

Lane 1: KIT transfected lysate(109.90 kDa).

Lane 2: Non-transfected lysate.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between KIT and CSF2RA. HeLa cells were stained with anti-KIT rabbit purified polyclonal 1:1200 and anti-CSF2RA mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).