

Rabbit c-Kit Antibody | anti-c-Kit/CD117 antibody

c-Kit, Affinity Purified Antibody, Rabbit

CATALOG # AAA14442	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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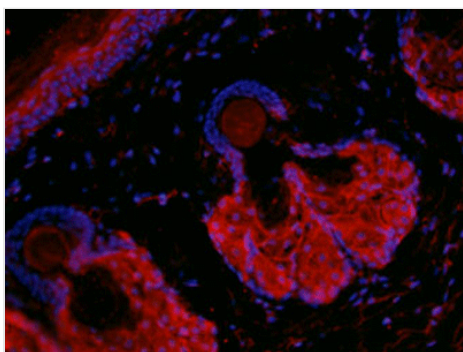
PRODUCT SYNONYMS

c-Kit; Affinity Purified Antibody; Rabbit; anti-c-Kit/CD117 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Form/Format	PBS containing 0.05% sodium azide.
Sequence	TASSSQPLLVDHDDV
Sequence Length	367
Applicable Applications for anti-c-Kit/CD117 antibody	IHC (Immunohistochemistry)
Application Notes	IHC 1:100-1:400 Dilutions listed as a recommendation. Other dilutions should be determined by investigator.
Product Type	Whole Serum
Preparation and Storage	Maintain at +2-8°C for 3 months or at -20°C for longer periods. Stable for 1 year. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data

Image: c-KIT staining of rat skin (epidermis). c-KIT detection was done using anti-rabbit Cy3 conjugated antibodies (red color). DAPI was used to counterstain cell nuclei (blue color). Working dilution: 1:100-1:300.

ADDITIONAL INFORMATION

Related Product Information for anti-c-Kit/CD117 antibody	c-Kit is transmembrane tyrosine kinase encoded by the c-Kit proto oncogene. c-Kit acts to regulate a variety of biological processes including cell proliferation, apoptosis, chemotaxis and adhesion. It plays a critical role in activation and growth in a number of cell types such as hematopoietic stem cells, mast cells, melanocytes and germ cells. Mutations in c-Kit have been found to be important for tumor growth and progression in a variety of cancers including mast cell diseases, gastrointestinal stromal tumor, acute myeloid leukemia, Ewing sarcoma and lung cancer. Phosphorylation at tyrosine 721 of c-Kit allows binding and activation of PI3 kinase.
Product Categories/Family for anti-c-Kit/CD117 antibody	Antibodies; Stem Cell Research Antibodies; c-Kit/CD117

NCBI AND UNIPROT INFORMATION

NCBI GI #	526252998
NCBI GeneID	101830701
NCBI Accession #	NP_001268332.1
NCBI GenBank Nucleotide #	NM_001281403.1
UniProt Accession #	P10721
NCBI Official Full Name	nociceptin receptor
NCBI Official Symbol	Oprl1
NCBI Official Synonym Symbols	ORL
NCBI Protein Information	nociceptin receptor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.