Product Name: c-Kit Rabbit Polyclonal Antibody
Catalog #: APRab03852

Summary

Production Name	c-Kit Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Immunogen

Gene Name	KIT
Alternative Names	KIT; SCFR; Mast/stem cell growth factor receptor Kit; SCFR; Piebald trait protein; PBT; Proto-oncogene c-Kit; Tyrosine-protein kinase Kit; p145 c-kit; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog; CD antigen CD117
Gene ID	3815
SwissProt ID	P10721

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
Molecular Weight	Calculated MW: 110 kDa; Observed MW: 120 kDa

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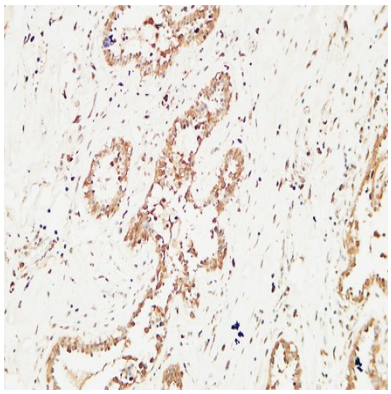
Background

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 lukemia, and piebaldism.

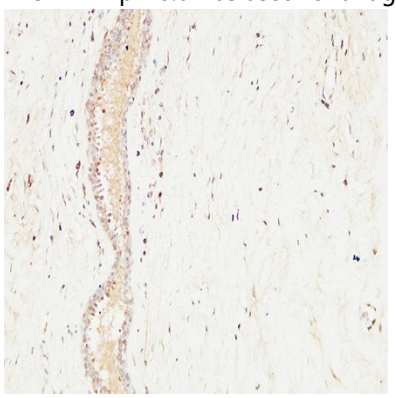
Research Area

Immunology

Image Data



Immunohistochemistry analysis of paraffin-embedded Human Mammary cancer using c-Kit antibody.High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using c-Kit antibody.High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval.

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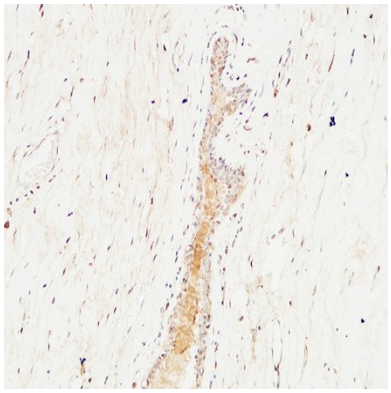

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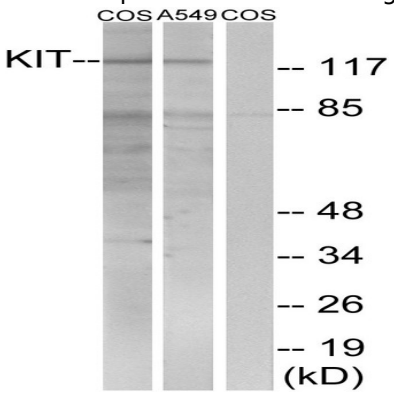

Western blot analysis of c-Kit in COS7/A549 lysates using c-Kit antibody.The lane on the right is blocked with the synthesized peptide.

Note

For research use only.