

Datasheet for ABIN7431110
anti-KIT antibody (AA 343-527)[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	KIT
Binding Specificity:	AA 343-527
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Stem Cell Factor Receptor (SCFR)
Immunogen:	Recombinant Stem Cell Factor Receptor (SCFR) corresponding to Tyr343~Pro527 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SCFR. It has been selected for its ability to recognize SCFR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

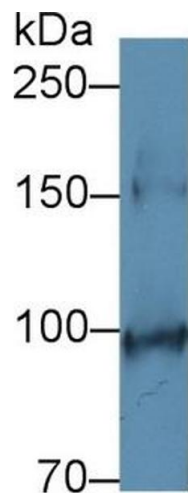
Target:	KIT
Alternative Name:	Stem Cell Factor Receptor (KIT Products)
Background:	CD117, KIT, C-Kit, PBT, p145 c-Kit, C-Kit Receptor, Tyrosine-Protein Kinase, V-Kit Hardy-Zuckerman 4 Feline Sarcoma Viral Oncogene Homolog, Piebald Trait
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , 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:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

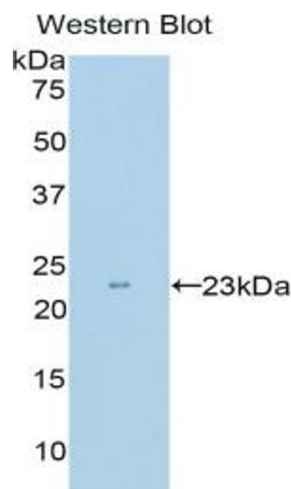
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



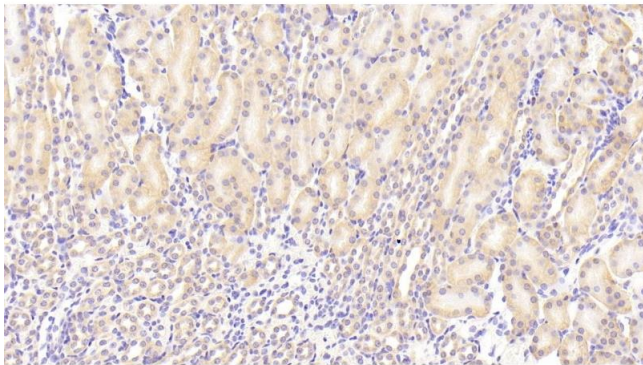
Western Blotting

Image 1. Detection of SCFR in Mouse Colon lysate using Polyclonal Antibody to Stem Cell Factor Receptor (SCFR)



Western Blotting

Image 2. Detection of Recombinant SCFR, Mouse using Polyclonal Antibody to Stem Cell Factor Receptor (SCFR)



Immunohistochemistry

Image 3. Detection of SCFR in Mouse Kidney Tissue using Polyclonal Antibody to Stem Cell Factor Receptor (SCFR)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7431110.