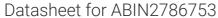
antibodies -online.com





anti-RFC1 antibody (Middle Region)

2 Images



Go to Product page

Overview

Quantity:	100 μL
Target:	RFC1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RFC1
Sequence:	AQAIYASVLP GELMRGYMTQ FPTFPSWLGK HSSTGKHDRI VQDLALHMSL
Predicted Reactivity:	Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against RFC1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RFC1
Alternative Name:	RFC1 (RFC1 Products)

Target Details

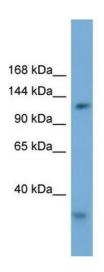
Target Details	
Background:	The protein encoded by this gene is the large subunit of replication factor C, which is a five
	subunit DNA polymerase accessory protein. Replication factor C is a DNA-dependent ATPase
	that is required for eukaryotic DNA replication and repair. The protein acts as an activator of
	DNA polymerases, binds to the 3' end of primers, and promotes coordinated synthesis of both
	strands. It also may have a role in telomere stability.
	Alias Symbols: A1, MGC51786, MHCBFB, PO-GA, RECC1, RFC, RFC140
	Protein Interaction Partner: SPRTN, UBC, PCNA, RPA3, RPA2, RPA1, YWHAQ, SMC1A, RFC4,
	NOTCH1, WDR18, RBM14, RFC5, RFC3, RFC2, LAMP2, MYOC, SIRT7, SUMO2, HDGF, RAD17,
	CSNK2B, tat, SAP25, ZSCAN1, SSBP3, PMS1, CEBPA, BRCA1, RFC1, BRD4, HDAC1, CASP3,
	TCEAL1, CCND1, RELA, CDK4, CHTF18, SMA
	Protein Size: 1147
Molecular Weight:	128 kDa
Gene ID:	5981
NCBI Accession:	NM_002913, NP_002904
Pathways:	Telomere Maintenance, DNA Damage Repair, DNA Replication, Synthesis of DNA, Dicarboxylic
	Acid Transport
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1147 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Liquid
Lot specific
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Sodium azide
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
lmages	

Images



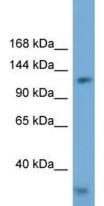
Western Blotting

Image 1. WB Suggested Anti-RFC1 Antibody Titration: 0.2-

1 ug/ml

ELISA Titer: 1:1562500

Positive Control: Human heart



Rabbit Anti-RFC1 Antibody Catalog Number: ARP56522 Lot Number: QC29594 Lane: Fetal Heart Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 6-18%

Western Blotting

Image 2. WB Suggested Anti-RFC1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: Human heart