

Datasheet for ABIN2791914
anti-SLX1A/GIYD2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SLX1A/GIYD2 (SLX1B)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Horse, Guinea Pig, Rabbit, Rat, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLX1A/GIYD2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human SLX1B
Sequence:	FFGVYLLYCL NPRYRGRVYV GFTVNTARRV QQHNGGRKKK GAWRTSGRGP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLX1B. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SLX1A/GIYD2 (SLX1B)
Alternative Name:	SLX1B (SLX1B Products)

Target Details

Background:	<p>This gene encodes a protein that is an important regulator of genome stability. The protein represents the catalytic subunit of the SLX1-SLX4 structure-specific endonuclease, which can resolve DNA secondary structures that are formed during repair and recombination processes. Two identical copies of this gene are located on the p arm of chromosome 16 due to a segmental duplication, this record represents the more telomeric copy. Alternative splicing results in multiple transcript variants. Read-through transcription also occurs between this gene and the downstream SULT1A4 (sulfotransferase family, cytosolic, 1A, phenol-preferring, member 4) gene.</p> <p>Protein Interaction Partner: SLX4, THAP11, DUSP10, TUBA1B, LOC344382, EME1, SLX4IP, SLIRP, MUS81, GEMIN6, PAGR1, FKBP10, GEMIN4, DDX20, TIMM17B, PSME3, SLC25A13, HUWE1, PSMD6, CUL1, UQCRC2, SMN1, S100A8, RAN, PSMD11, PSMB5, PSMB3, PSMB2, PSMB1, PSMA7, PSMA6, PSMA5, PSMA4, PSMA3, PSMA</p> <p>Protein Size: 275</p>
Molecular Weight:	30 kDa
Gene ID:	79008
UniProt:	Q9BQ83
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat 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.

Images

