

Datasheet for ABIN2788836
anti-RAD51D antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	RAD51D
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD51D antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	DTIEGAGASG GRRMACLA KS SRQPTGFQEM VDIGTWGTSE QSATLQGDQT
Predicted Reactivity:	Human: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against RAD51L3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RAD51D
Alternative Name:	RAD51L3 (RAD51D Products)
Background:	The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are highly similar to bacterial RecA and <i>Saccharomyces cerevisiae</i> Rad51, which are

Target Details

known to be involved in the homologous recombination and repair of DNA. This protein forms a complex with several other members of the RAD51 family, including RAD51L1, RAD51L2, and XRCC2. The protein complex formed with this protein has been shown to catalyze homologous pairing between single- and double-stranded DNA, and is thought to play a role in the early stage of recombinational repair of DNA. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream ring finger and FYVE-like domain containing 1 (RFFL) gene.

Alias Symbols: HsTRAD, R51H3, RAD51D, Trad, TRAD, BROVCA4, RAD51L3

Protein Interaction Partner: CEP57L1, C1orf94, LNX1, LZTS2, PRDM14, AMOTL2, IKZF3, IKZF1, XRCC2, KRT15, KIFC3, SWSAP1, ZSWIM7, HHV8GK18_gp81, XRCC3, BLM, RAD51B, RAD51C, DCD, RADIL, RAD51,

Protein Size: 328

Molecular Weight: 36 kDa

Gene ID: 5892

NCBI Accession: [NM_002878](#), [NP_002869](#)

UniProt: [O75771](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 328 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

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 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.

Images


90 kDa__

65 kDa__

40 kDa__

29 kDa__

22 kDa__



Rabbit Anti-RAD51L3 Antibody

Catalog Number: ARP61547

Lot Number: QC32213

Lane: Fetal Heart Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 12%

Western Blotting

Image 1.