

Datasheet for ABIN2788835  
**anti-RAD51D antibody (C-Term)**



[Go to Product page](#)

1 Image

## Overview

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

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human RAD51D
Sequence:	RLKPALGRSW SFVPSTRILL DTIEGAGASG GRRMACLAKS SRQPTGFQEM
Predicted Reactivity:	Dog: 79%, Human: 100%, Mouse: 79%, Pig: 79%
Characteristics:	This is a rabbit polyclonal antibody against RAD51D. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	RAD51D
Alternative Name:	RAD51D ( <a href="#">RAD51D Products</a> )

## Target Details

Background:	<p>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 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.</p> <p>Alias Symbols: HsTRAD, R51H3, RAD51D, Trad, TRAD, BROVCA4, RAD51L3</p> <p>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,</p> <p>Protein Size: 328</p>
-------------	--

Molecular Weight:	34 kDa
-------------------	--------

Gene ID:	5892
----------	------

NCBI Accession:	<a href="#">NM_002878</a> , <a href="#">NP_002869</a>
-----------------	---

UniProt:	<a href="#">O75771</a>
----------	------------------------

## 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.
---------	---

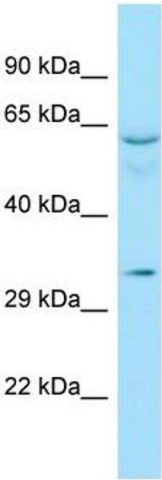
Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
--------------------	---

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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



**Western Blotting**

**Image 1.** WB Suggested Anti-RAD51D Antibody Titration:  
1.0 ug/ml Positive Control: Fetal Stomach