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Datasheet for ABIN5514467  
**anti-RITA1 antibody (C-Term)**

### Overview

Quantity:	100 µL
Target:	RITA1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human RITA1
Sequence:	TNGPQDLRPS TSGVTFRSPL VTSRARSVSI SVPSTPRRGG ATQKPKPPWK
Characteristics:	This is a rabbit polyclonal antibody against RITA1. It was validated on Western Blot.
Purification:	Affinity purified

### Target Details

Target:	RITA1
Alternative Name:	RITA1 ( <a href="#">RITA1 Products</a> )
Background:	RITA1 is a tubulin-binding protein that acts as a negative regulator of Notch signaling pathway. It shuttles between the cytoplasm and the nucleus and mediates the nuclear export of RBPJ/RBPSUH, thereby preventing the interaction between RBPJ/RBPSUH and NICD product of Notch proteins (Notch intracellular domain), leading to down-regulate Notch-mediated

## Target Details

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transcription. And it may play a role in neurogenesis.

Alias Symbols: C12orf52, RITA, PSEC0043

Protein Size: 269

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Gene ID: 84934

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NCBI Accession: [XP\\_005254029](#)

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UniProt: [Q96K30](#)

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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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.