

Datasheet for ABIN2781291

**anti-RNF121 antibody (Middle Region)****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	RNF121
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Cow, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF121 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RNF121
Sequence:	GMPTKHLSDS VCAVCGQQIF VDVSEEGIIE NTYRLSCNHV FHEFCIRGWC
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against RNF121. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	RNF121
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## Target Details

Alternative Name:	RNF121 ( <a href="#">RNF121 Products</a> )
Background:	<p>The protein contains a RING finger, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. The protein encoded by this gene contains a RING finger, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. Three of them are supported by at least two independent transcripts or ESTs, the full length natures of others are not clear.</p> <p>Alias Symbols: FLJ11099</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 327</p>
Molecular Weight:	38 kDa
Gene ID:	55298
NCBI Accession:	<a href="#">NM_018320</a> , <a href="#">NP_060790</a>
UniProt:	<a href="#">Q9H920</a>
Pathways:	<a href="#">ER-Nucleus Signaling</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 327 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

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.

## Publications

Product cited in:	Libby, Bales, Orlicky, McManaman: "Perilipin-2 Deletion Impairs Hepatic Lipid Accumulation by Interfering with Sterol Regulatory Element-binding Protein (SREBP) Activation and Altering the Hepatic Lipidome." in: <b>The Journal of biological chemistry</b> , Vol. 291, Issue 46, pp. 24231-24246, (2016) ( <a href="#">PubMed</a> ).
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## Images



### Western Blotting

**Image 1.** WB Suggested Anti-RNF121 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:2500 Positive Control: Human Thymus