

Datasheet for ABIN2773873  
**anti-RANBP1 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	RANBP1
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Saccharomyces cerevisiae, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RANBP1 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 RANBP1
Sequence:	KFEECRKEIE EREKKAGSGK NDHAEKVAEK LEALSVKEET KEDAEKQ
Predicted Reactivity:	Cow: 79%, Horse: 79%, Human: 100%, Yeast: 90%
Characteristics:	This is a rabbit polyclonal antibody against RANBP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	RANBP1
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## Target Details

Alternative Name: RANBP1 ([RANBP1 Products](#))

Background: Ran/TC4-binding protein, RanBP1, interacts specifically with GTP-charged RAN. RANBP1 encodes a 23-kD protein that binds to RAN complexed with GTP but not GDP. RANBP1 does not activate GTPase activity of RAN but does markedly increase GTP hydrolysis by the RanGTPase-activating protein (RanGAP1). The RANBP1 cDNA encodes a 201-amino acid protein that is 92 % similar to its mouse homolog. In both mammalian cells and in yeast, RANBP1 acts as a negative regulator of RCC1 by inhibiting RCC1-stimulated guanine nucleotide release from RAN. Ran/TC4-binding protein, RanBP1, interacts specifically with GTP-charged RAN. RANBP1 encodes a 23-kD protein that binds to RAN complexed with GTP but not GDP. RANBP1 does not activate GTPase activity of RAN but does markedly increase GTP hydrolysis by the RanGTPase-activating protein (RanGAP1). The RANBP1 cDNA encodes a 201-amino acid protein that is 92 % similar to its mouse homolog. In both mammalian cells and in yeast, RANBP1 acts as a negative regulator of RCC1 by inhibiting RCC1-stimulated guanine nucleotide release from RAN. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Alias Symbols: MGC88701, HTF9A

Protein Interaction Partner: UBC, SUMO1, MDM2, CHMP4A, PLS3, IDH1, DCK, EGFR, PTMA, RAN, rna1, XPO1, vpu, VCAM1, FN1, CFTR, HNF1A, KPNB1, RCC1, C18orf8, UBD, ELAVL1, Ranbp2, RANGRF, CD93, MPG,

Protein Size: 201

Molecular Weight: 23 kDa

Gene ID: 5902

NCBI Accession: [NM\\_002882](#), [NP\\_002873](#)

UniProt: [P43487](#)

## Application Details

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

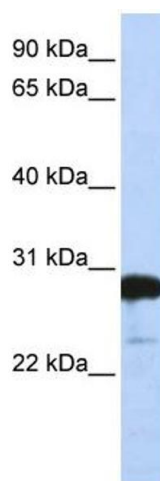
Comment: Antigen size: 201 AA

Restrictions: For Research Use only

## Handling

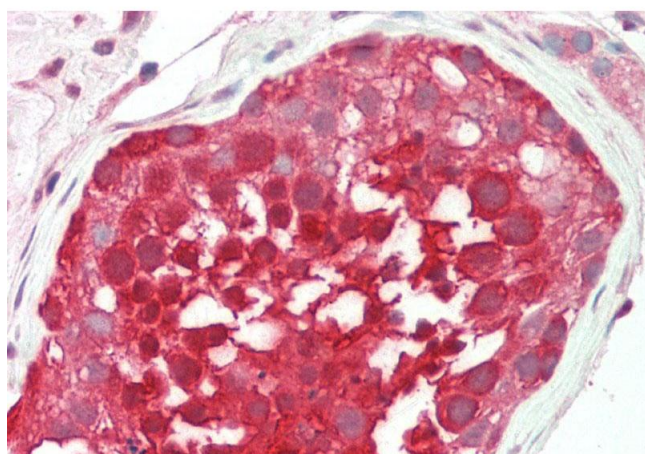
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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-RANBP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: 721\_B cell lysate RANBP1 is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells



### Immunohistochemistry

**Image 2.** Rabbit Anti-RANBP1 antibody Formalin Fixed Paraffin Embedded Tissue: Human Testis Primary antibody Concentration: 1:200 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec