

Datasheet for ABIN2777669  
**anti-REXO4 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	REXO4
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Guinea Pig, Horse, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This REXO4 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 REXO4
Sequence:	QYGKCVYDKY VKPTEPVTDY RTAVSGIRPE NLKQGEELEV VQKEVAEMLK
Predicted Reactivity:	Cow: 77%, Dog: 100%, Guinea Pig: 79%, Horse: 92%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against REXO4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	REXO4
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## Target Details

Alternative Name:	REXO4 ( <a href="#">REXO4 Products</a> )
Background:	<p>The regulation of the quinone reductase (QR) gene as well as other genes involved in detoxification is known to be mediated by an electrophile response element (EpRE). QR gene regulation by the antiestrogen-occupied estrogen receptor (ER) is mediated by the EpRE-containing region of the human QR gene, and the ER is one of the complex of proteins that binds to the EpRE. REXO4 directly binds to the EpRE and interacts with the ER. The activation of QR gene activity by REXO4 is enhanced in the presence of ER beta.</p> <p>Alias Symbols: REX4, XPMC2, XPMC2H</p> <p>Protein Interaction Partner: UBC, SIRT7, ESR2, ESR1,</p> <p>Protein Size: 422</p>
Molecular Weight:	47 kDa
Gene ID:	57109
NCBI Accession:	<a href="#">NM_020385</a> , <a href="#">NP_065118</a>
UniProt:	<a href="#">Q9GZR2</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 422 AA
Restrictions:	For Research Use only

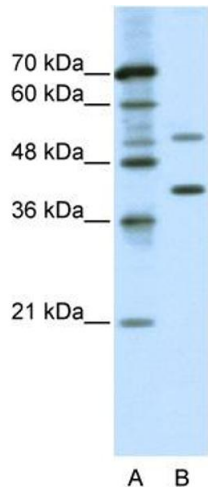
## Handling

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

Handling

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-REX04 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate