

Datasheet for ABIN2781102
anti-REXO4 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	REXO4
Binding Specificity:	N-Term
Reactivity:	Human, Rat
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 N terminal region of human REXO4
Sequence:	MGKAKVPASK RAPSSPAKP GPVKTLTRKK NKKKKRFWKS KAREVSKKPA
Predicted Reactivity:	Human: 100%, Rat: 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:	Protein A purified

Target Details

Target:	REXO4
Alternative Name:	REXO4 (REXO4 Products)

Target Details

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:	NM_020385 , NP_065118
UniProt:	Q9GZR2

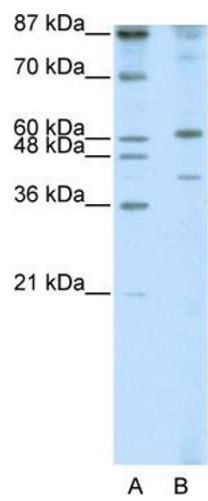
Application Details

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
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.



Western Blotting

Image 1. WB Suggested Anti-REX04 Antibody Titration:
1.25ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate