

Datasheet for ABIN2788531  
**anti-CBR4 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	CBR4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBR4 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 CBR4
Sequence:	RKGYRLAVIA RNLEGAKEAAA GDLGGDHLAF SCDVAKEHDV QNTFEELEKH
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 79%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CBR4. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	CBR4
Alternative Name:	CBR4 ( <a href="#">CBR4 Products</a> )

## Target Details

Background:	<p>The heterotetramer with HSD17B8 has NADH-dependent 3-ketoacyl-acyl carrier protein reductase activity. May play a role in biosynthesis of fatty acids in mitochondria. The homotetramer may act as NADPH-dependent quinone reductase. It has broad substrate specificity and reduces 9,10-phenanthrenequinone, 1,4-benzoquinone and various other o-quinones and p-quinones (in vitro).</p> <p>Alias Symbols: FLJ14431, SDR45C1</p> <p>Protein Interaction Partner: ELAVL1, UBC,</p> <p>Protein Size: 237</p>
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Molecular Weight:	25 kDa
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Gene ID:	84869
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NCBI Accession:	<a href="#">NM_032783</a> , <a href="#">NP_116172</a>
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UniProt:	<a href="#">Q8N4T8</a>
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## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 237 AA
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	Lot specific
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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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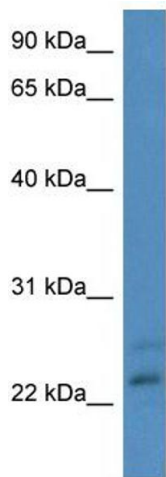
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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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.
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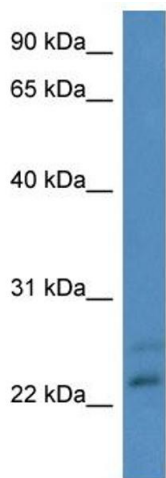


**Western Blotting**

**Image 1. WB Suggested Anti-CBR4 Antibody Titration:** 0.2-1 ug/ml

**ELISA Titer:** 1:62500

**Positive Control:** Human kidney



Rabbit Anti-CBR4 Antibody  
Catalog Number: ARP60665  
Lot Number: QC31355  
Lane: Fetal Kidney Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

**Western Blotting**

**Image 2. WB Suggested Anti-CBR4**

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::2500

Positive Control: Human kidney