

Datasheet for ABIN2788530
anti-CBR4 antibody (C-Term)



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1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | CBR4 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Rat, Mouse, Cow, Dog, Rabbit, Guinea Pig, Horse, Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CBR4 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|---|
| Sequence: | VGFSRALAKE VARKKIRVNV VAPGFVHTDM TKDLKEEHLK KNIPLGRFGE |
| Predicted Reactivity: | Cow: 86%, Dog: 100%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Mouse: 77%, Pig: 100%, Rabbit: 100%, 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 (CBR4 Products) |
| Background: | The heterotetramer with HSD17B8 has NADH-dependent 3-ketoacyl-acyl carrier protein |

Target Details

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).

Alias Symbols: FLJ14431, SDR45C1

Protein Interaction Partner: ELAVL1, UBC,

Protein Size: 237

Molecular Weight: 25 kDa

Gene ID: 84869

NCBI Accession: [NM_032783](#), [NP_116172](#)

UniProt: [Q8N4T8](#)

Application Details

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

Comment: Antigen size: 237 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.

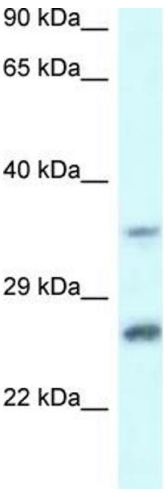
Preservative: Sodium azide

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.



Rabbit Anti-CBR4 Antibody
Catalog Number: ARP60664
Lot Number: QC32511
Lane: Jurkat Cell Lysate

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

| Western Blotting |
|------------------|
| Image 1. |