

CBR4 Rabbit Polyclonal Antibody

Catalog No: #54892



Package Size: #54892-1 50ul #54892-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

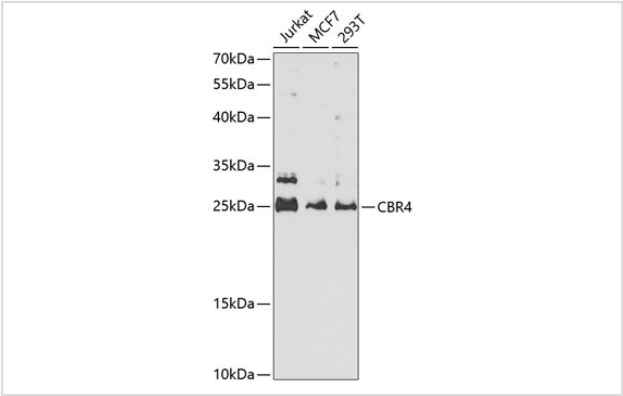
Description

Product Name	CBR4 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Rat
Immunogen Description	Recombinant fusion protein of human CBR4 (NP_116172.2).
Other Names	CBR4;SDR45C1
Accession No.	Uniprot:Q8N4T8GeneID:84869
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GeneID	84869
Calculated MW	18kDa/25kDa
SDS-PAGE MW	25kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:200 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using CBR4 antibody.

Background

Component of the heterotetramer complex KAR (3-ketoacyl-[acyl carrier protein] reductase or 3-ketoacyl-[ACP] reductase that forms part of the mitochondrial fatty acid synthase (mtFAS. Beta-subunit of the KAR heterotetramer complex, responsible for the 3-ketoacyl-ACP reductase activity of the mtFAS, reduces 3-oxoacyl-[ACP] to (3R-hydroxyacyl-[ACP] in a NADPH-dependent manner with no chain length preference, thereby participating

in mitochondrial fatty acid biosynthesis. The homotetramer has NADPH-dependent quinone reductase activity (in vitro, hence could play a role in protection against cytotoxicity of exogenous quinones. As a heterotetramer, it can also reduce 9,10-phenanthrenequinone, 1,4-benzoquinone and various other o-quinones and p-quinones (in vitro).

Note: This product is for in vitro research use only