

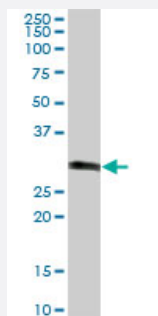
MaxPab®

CBR3 MaxPab mouse polyclonal antibody (B01)

Catalog # H00000874-B01

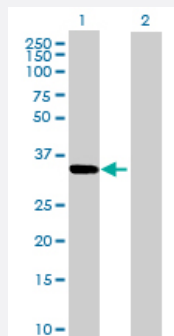
Size 50 uL

Applications



Western Blot (Tissue lysate)

CBR3 MaxPab polyclonal antibody. Western Blot analysis of CBR3 expression in human colon.



Western Blot (Transfected lysate)

Western Blot analysis of CBR3 expression in transfected 293T cell line ([H00000874-T01](#)) by CBR3 MaxPab polyclonal antibody.

Lane 1: CBR3 transfected lysate(30.47 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CBR3 protein.

Immunogen

CBR3 (NP_001227.1, 1 a.a. ~ 277 a.a) full-length human protein.

Sequence

MSSCSRVALVTGANRGIGLAIARELCRQFSGDVVLTARDVARGQAAVQQQLQAEGLSPRFHQLDID
DLQSIRALRDFLRKEYGGLNVLVNNAAVAFKSDDPMPFDIKAEMTLKTNFFATRNMCNELLPIMKP
HGRVVNISSLQCLRAFENCSEDLQERFHSETLTEGDLVDLMKKFVEDTKNEVHEREGWPNSPYG
VSKLGVTVLSRILARRLDEKRAADRILVNACCPGPVKTDMDGKDSIRTVEEGAETPVYLALLPPDA
TEPQGQLVHDKVVQNW

Host

Mouse

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

CBR3 MaxPab polyclonal antibody. Western Blot analysis of CBR3 expression in human colon.

[Protocol Download](#)

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[Protocol Download](#)

Gene Info — CBR3

Entrez GeneID	874
GeneBank Accession#	NM_001236.3
Protein Accession#	NP_001227.1
Gene Name	CBR3
Gene Alias	SDR21C2, hCBR3
Gene Description	carbonyl reductase 3
Omim ID	603608
Gene Ontology	Hyperlink

Gene Summary

Carbonyl reductase 3 catalyzes the reduction of a large number of biologically and pharmacologically active carbonyl compounds to their corresponding alcohols. The enzyme is classified as a monomeric NADPH-dependent oxidoreductase. CBR3 contains three exons spanning 11.2 kilobases and is closely linked to another carbonyl reductase gene - CBR1. [provided by RefSeq]

Other Designations

NADPH-dependent carbonyl reductase 3|carbonyl reductase (NADPH) 3|short chain dehydrogenase/reductase family 21C, member 2

Publication Reference

- [Naturally Occurring Variants of Human CBR3 Alter Anthracycline In Vitro Metabolism.](#)

Bains OS, Karkling MJ, Lubieniecka JM, Grigliatti TA, Reid RE, Riggs KW.

The Journal of Pharmacology and Experimental Therapeutics 2010 Mar; 332(3):755.

Application: WB, Escherichia coli, Human, BL21 (DE3) pLysS competent cells, liver

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
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