

ARG57091 anti-CBR3 antibody [7E8]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [7E8] recognizes CBR3
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	7E8
Isotype	IgG1, kappa
Target Name	CBR3
Species	Human
Immunogen	Recombinant fragment around aa. 1-277 of Human CBR3
Conjugation	Un-conjugated
Alternate Names	SDR21C2; EC 1.1.1.184; Short chain dehydrogenase/reductase family 21C member 2; HEL-S-25; Carbonyl reductase [NADPH] 3; hCBR3; NADPH-dependent carbonyl reductase 3

Application Instructions

Application table	Application	Dilution
	WB	Assay-dependent

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 874 Human](#)

[Swiss-port # O75828 Human](#)

Gene Symbol

CBR3

Gene Full Name

carbonyl reductase 3

Background

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, Jul 2008]

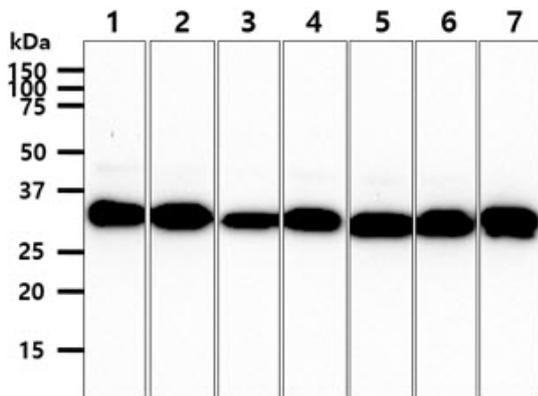
Function

Has low NADPH-dependent oxidoreductase activity towards 4-benzoylpyridine and menadione (in vitro). [UniProt]

Calculated Mw

31 kDa

Images



ARG57091 anti-CBR3 antibody [7E8] WB image

Western blot: 40 µg of 1) HepG2, 2) HeLa, 3) 293T, 4) MCF7, 5) A549, 6) SW480, and 7) Mouse brain tissue lysate stained with ARG57091 anti-CBR3 antibody [7E8] at 1:1000.