

Product Datasheet

CBR1 Antibody

Catalog No: CY5393

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



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Information

UniProt ID: P16152

All Names: 15 hydroxyprostaglandin dehydrogenase [NADP+]; Carbonyl reductase [NADPH] 1; CBR1; CRN; NADPH dependent carbonyl reductase 1; Prostaglandin 9 ketoreductase; SDR21C1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 30kDa

Application

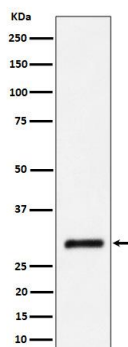
WB 1:500~1:2000

IHC 1:50~1:200

ICC/IF 1:50~1:200

Background

NADPH-dependent reductase with broad substrate specificity. Catalyzes the reduction of a wide variety of carbonyl compounds including quinones, prostaglandins, menadione, plus various xenobiotics. Catalyzes the reduction of the antitumor anthracyclines doxorubicin and daunorubicin to the cardiotoxic compounds doxorubicinol and daunorubicinol.



Western blot analysis of CBR1 expression in HeLa cell lysate.

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