



Carbonyl Reductase 1 rabbit pAb

Cat No.:ES7869

For research use only

Overview

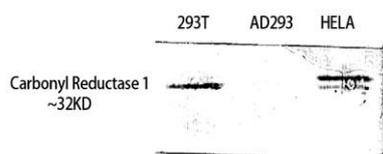
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| Product Name | Carbonyl Reductase 1 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human CBR1. AA range:181-230 |
| Specificity | Carbonyl Reductase 1 Polyclonal Antibody detects endogenous levels of Carbonyl Reductase 1 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Carbonyl reductase [NADPH] 1 |
| Gene Name | CBR1 |
| Cellular localization | Cytoplasm . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 32kD |
| Human Gene ID | 873 |
| Human Swiss-Prot Number | P16152 |
| Alternative Names | CBR1; CBR; CRN; Carbonyl reductase [NADPH] 1; 15-hydroxyprostaglandin dehydrogenase [NADP(+)]; NADPH-dependent carbonyl reductase 1; Prostaglandin 9-ketoreductase; Prostaglandin-E(2) 9-reductase |
| Background | The protein encoded by this gene belongs to the short-chain dehydrogenases/reductases (SDR) |



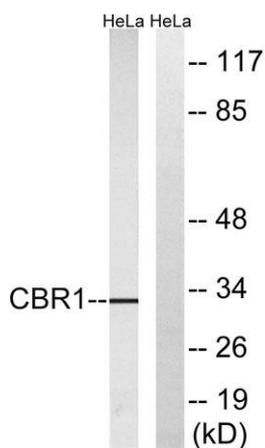
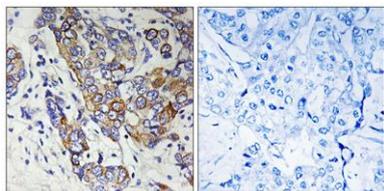


family, which function as NADPH-dependent oxidoreductases having wide specificity for carbonyl compounds, such as quinones, prostaglandins, and various xenobiotics. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2013],

Western Blot analysis of 293T HELA using Carbonyl Reductase 1 Polyclonal Antibody. Antibody was diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using CBR1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using CBR1 Antibody. The lane on the right is blocked with the synthesized peptide.

