



Carbonyl Reductase 3 Polyclonal Antibody

Catalog No	YP-Ab-02526
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CBR3
Immunogen	The antiserum was produced against synthesized peptide derived from human CBR3. AA range:151-200
Specificity	Carbonyl Reductase 3 Polyclonal Antibody detects endogenous levels of Carbonyl Reductase 3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NADPH-dependent carbonyl reductase 3;hCBR3;EC:1.6.5.10;EC:1.1.1.184; carbonyl reductase 3;CBR3;Carbonyl reductase [NADPH] 3
Observed Band	31kD
Calculated Molecular Weight	31kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Detected in ovary, pancreas, intestine, colon, kidney, brain, thymus, lung, heart, liver, spleen, leukocyte, prostate and testis.
Function	catalytic activity:R-CHOH-R' + NADP(+) = R-CO-R' + NADPH.,similarity:Belongs to the short-chain dehydrogenases/reductases (SDR) family.,
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],

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

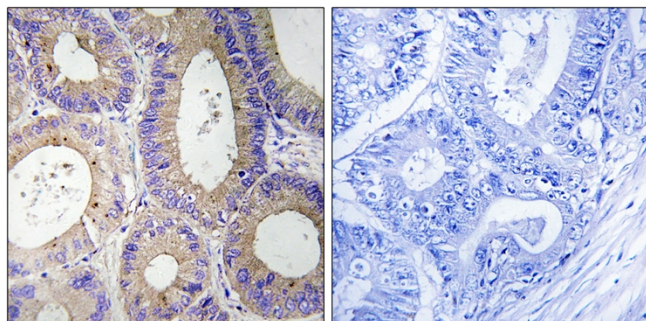
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



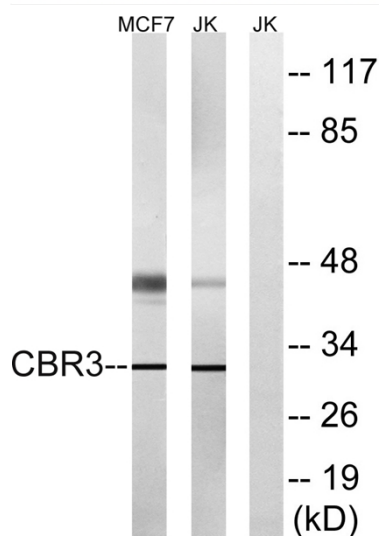
Products Images



Western Blot analysis of various cells using Carbonyl Reductase 3 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using CBR3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat and MCF7 cells, using CBR3 Antibody. The lane on the right is blocked with the synthesized peptide.