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## Datasheet for ABIN7468257 **anti-DCXR antibody**

### Overview

Quantity:	100 µL
Target:	DCXR
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCXR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DCXR. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	DCXR
Alternative Name:	dicarbonyl and L-xylulose reductase ( <a href="#">DCXR Products</a> )
Background:	Synonyms: dicarbonyl and L-xylulose reductase , DCR , HCR2 , HCR11 , KIDCR , P34H , PNTSU , SDR20C1 , XR Background: DCXR is an enzyme that has both diacetyl reductase (EC 1.1.1.5) and L-xylulose

## Target Details

	reductase (EC 1.1.1.10) activities (Nakagawa et al., 2002 [PubMed 11882650]).[supplied by OMIM]
Molecular Weight:	26 kDa
Gene ID:	51181
UniProt:	<a href="#">Q7Z4W1</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HepG2
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.