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## Datasheet for ABIN7113470 **anti-DCXR antibody**

### Overview

Quantity:	100 µg
Target:	DCXR
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCXR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	dicarbonyl/L-xylulose reductase
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	DCXR
Alternative Name:	DCXR ( <a href="#">DCXR Products</a> )
Background:	Synonyms:SDR20C1 Background:Catalyzes the NADPH-dependent reduction of several pentoses, tetroses, trioses, alpha-dicarbonyl compounds and L-xylulose. Participates in the uronate cycle of glucose metabolism. May play a role in the water absorption and cellular osmoregulation in the proximal renal tubules by producing xylitol, an osmolyte, thereby

## Target Details

	preventing osmolytic stress from occurring in the renal tubules.
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: 1:500-1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months