

**Anti-DCXR Antibody (aa232-244)**  
**Goat Anti Human Polyclonal Antibody**  
**Catalog # ALS17811****Specification**

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**Anti-DCXR Antibody (aa232-244) - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">Q7Z4W1</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	25913

**Anti-DCXR Antibody (aa232-244) - Additional Information****Gene ID** 51181**Alias Symbol** DCXR**Other Names**

DCXR, Carbonyl reductase 2, DCR, HCR2, HCR11, L-xylulose reductase, XR, Carbonyl reductase II, KIDCR, Kidney dicarbonyl reductase, p34H, SDR20C1, Sperm surface protein P34H

**Target/Specificity**

Human DCXR.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-DCXR Antibody (aa232-244) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-DCXR Antibody (aa232-244) - Protein Information****Name** DCXR**Synonyms** SDR20C1**Function**

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 preventing osmolytic stress from occurring in the renal tubules.

**Cellular Location**

Membrane; Peripheral membrane protein. Note=Probably recruited to membranes via an interaction with phosphatidylinositol.

**Tissue Location**

Highly expressed in kidney, liver and epididymis. In the epididymis, it is mainly expressed in the proximal and distal sections of the corpus region. Weakly or not expressed in brain, lung, heart, spleen and testis.

**Anti-DCXR Antibody (aa232-244) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-DCXR Antibody (aa232-244) - Images**