

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

Specification

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

Application	WB, IHC-P, E
Primary Accession	O7Z4W1
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