

Rabbit anti-Human, Mouse DCXR Polyclonal Antibody | anti-DCXR antibody

DCXR Antibody

CATALOG # AAA231372	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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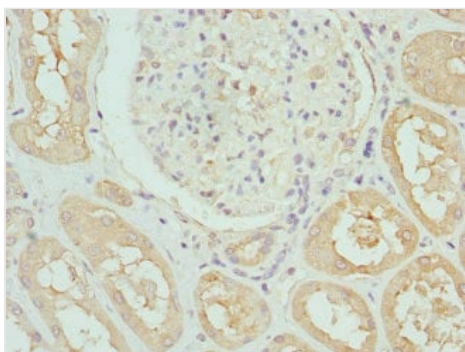
PRODUCT SYNONYMS

DCXR; Polyclonal Antibody; DCXR Antibody; L-xylulose reductase; XR; Carbonyl reductase II; Dicarboxyl/L-xylulose reductase; Kidney dicarbonyl reductase; kiDCR; Short chain dehydrogenase/reductase family 20C member 1; Sperm surface protein P34H; SDR20C1; anti-DCXR antibody

PRODUCT SPECIFICATIONS

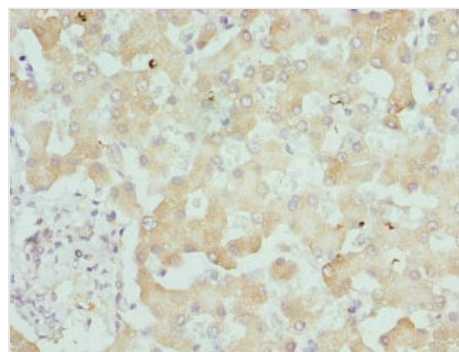
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	242
Applicable Applications for anti-DCXR antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human L-xylulose reductase protein (1-244AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54683 / sc-54834 / sc-292501
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



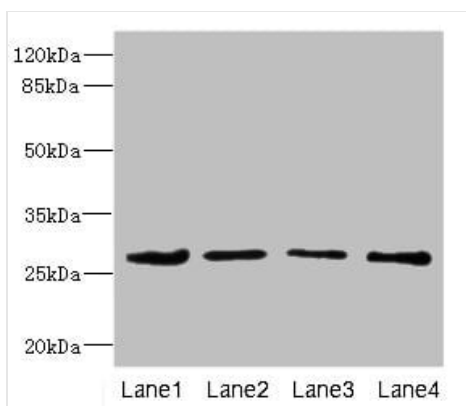
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231372 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA231372 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: DCXR antibody at 2.93ug/mlLane 1: Mouse gonadal tissueLane 2: HepG-2 whole cell lysateLane 3: A431 whole cell lysateLane 4: MCF7 whole cell lysateGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 26 kDaObserved band size: 26 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DCXR antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	304571975
NCBI GeneID	51181
NCBI Accession #	NP_001182147.1
NCBI GenBank Nucleotide #	NM_001195218.1
UniProt Accession #	Q7Z4W1; Q9BTZ3; Q9UHY9
Molecular Weight	25,913 Da
NCBI Official Full Name	L-xylulose reductase isoform 2
NCBI Official Synonym Full Names	dicarbonyl and L-xylulose reductase
NCBI Official Symbol	DCXR
NCBI Official Synonym Symbols	XR; DCR; HCR2; P34H; HCR2I; KIDCR; PNTSU; SDR20C1
NCBI Protein Information	L-xylulose reductase
UniProt Protein Name	L-xylulose reductase
UniProt Gene Name	DCXR
UniProt Synonym Gene Names	SDR20C1; XR; kiDCR
UniProt Entry Name	DCXR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.