

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

DCXR Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289926	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

DCXR; Polyclonal Antibody; DCXR Antibody (Center); L-xylulose reductase; XR; Carbonyl reductase II; Dicarbonyl/L-xylulose reductase; Kidney dicarbonyl reductase; kiDCR; Sperm surface protein P34H; anti-DCXR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DCXR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 79-106 amino acids from the Central region of human DCXR.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	79-106
Sequence Length	244
Applicable Applications for anti-DCXR antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of NCI-H292 cells using DCXR Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human kidney carcinoma with DCXR Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-DCXR Antibody (Center) in mouse lung tissue lysates (35ug/lane). DCXR (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DCXR antibody	DCXR is an enzyme that has both diacetyl reductase and L-xylulose reductase activities.
Product Categories/Family for anti-DCXR antibody	Metabolism; Signal Transduction
References	Nakagawa J., Ishikura S.J. Biol. Chem. 277:17883-17891(2002) Xia X.Y., Xu X.F., Gao Y.Zhonghua Nan Ke Xue 9:24-27(2003) El-Kabbani O., Chung R.P.-T.Acta Crystallogr. D 58:1379-1380(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	304571975
NCBI GeneID	51181
NCBI Accession #	NP_001182147.1; NP_057370.1
NCBI GenBank Nucleotide #	NM_001195218.1
UniProt Accession #	Q7Z4W1; Q9BTZ3; Q9UHY9
Molecular Weight	25913
NCBI Official Full Name	L-xylulose reductase isoform 2
NCBI Official Synonym Full Names	dicarbonyl/L-xylulose reductase
NCBI Official Symbol	DCXR
NCBI Official Synonym Symbols	XR; DCR; HCR2; P34H; HCRII; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dcxr-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289926>