

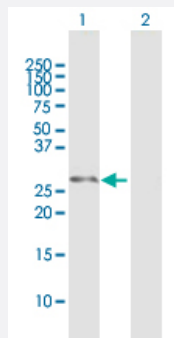
MaxPab®

DCXR purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051181-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DCXR expression in transfected 293T cell line ([H00051181-T01](#)) by DCXR MaxPab polyclonal antibody.

Lane 1: DCXR transfected lysate(26.84 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DCXR protein.
Immunogen	DCXR (AAH01470, 1 a.a. ~ 244 a.a) full-length human protein.
Sequence	MELFLAGRRVLVTGAGKGIGRGTVQALHATGARVVAVSRTQADLDSLRECPGIEPVCVDLGDW EATERALGSVGPVDLLVNNAVALLQPFLEVTKEAFDRSFEVNLRAVIQVSQVARGLIARGVPGAI VNVSSQCSQRAVTNHSVYCSTKGALDMLTKVMALELGPHKIRVNAVNPVMTSMGQATWSDP HKAKTMLNRIPLGKFAEVEHVVNAILFLLSDRSGMTTGSTLPVEGGFWAC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (84)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — DCXR

Entrez GeneID	51181
GeneBank Accession#	BC001470
Protein Accession#	AAH01470
Gene Name	DCXR
Gene Alias	DCR, HCR2, HCR11, KIDCR, P34H, SDR20C1
Gene Description	dicarbonyl/L-xylulose reductase
Omim ID	608347
Gene Ontology	Hyperlink
Gene Summary	DCXR is an enzyme that has both diacetyl reductase (EC 1.1.1.5) and L-xylulose reductase (EC 1.1.1.10) activities (Nakagawa et al., 2002 [PubMed 11882650]).[supplied by OMIM]
Other Designations	carbonyl reductase III human carbonyl reductase 2 kidney dicarbonyl reductase short chain dehydrogenase/reductase family 20C, member 1

Pathway

- [Metabolic pathways](#)
- [Pentose and glucuronate interconversions](#)