

ARG63464 anti-Dicarbonyl Reductase antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Dicarbonyl Reductase
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Dicarbonyl Reductase
Species	Human
Immunogen	GSTLPVEGGFWAC
Conjugation	Un-conjugated
Alternate Names	PNTSU; Sperm surface protein P34H; EC 1.1.1.10; Kidney dicarbonyl reductase; HCR1; kiDCR; Short chain dehydrogenase/reductase family 20C member 1; KIDCR; Carbonyl reductase II; SDR20C1; Dicarbonyl/L-xylulose reductase; XR; P34H; DCR; L-xylulose reductase; HCR2

Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 2 µg/ml
	WB	0.1 - 0.3 µg/ml
Application Note	IHC-P: Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

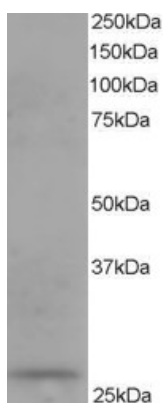
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

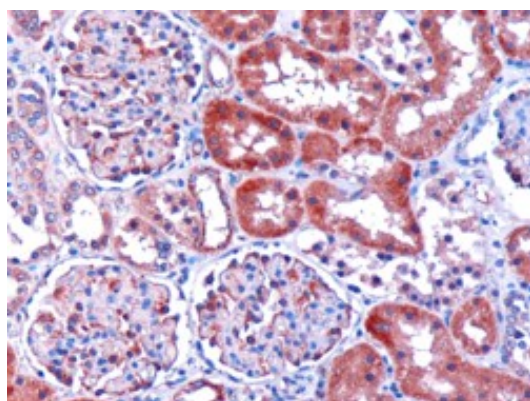
Database links	GeneID: 51181 Human Swiss-port # Q7Z4W1 Human
Background	The protein encoded by this gene acts as a homotetramer to catalyze diacetyl reductase and L-xylulose reductase reactions. The encoded protein may play a role in the uronate cycle of glucose metabolism and in the cellular osmoregulation in the proximal renal tubules. Defects in this gene are a cause of pentosuria. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2010]
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	26 kDa

Images



ARG63464 anti-Dicarbonyl Reductase antibody WB image

Western Blot: human kidney lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63464 anti-DCXR antibody at 0.1 µg/ml dilution.



ARG63464 anti-Dicarbonyl Reductase antibody IHC-P image

Immunohistochemistry: paraffin embedded human kidney. (Microwaved antigen retrieval with citrate buffer pH 6) stained with ARG63464 anti-DCXR antibody at 1 µg/ml dilution followed by HRP-staining.