

## Datasheet for ABIN185332 anti-SORD antibody (C-Term)



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### Overview

Quantity:	100 µg
Target:	SORD
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SORD antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	Sorbitol Dehydrogenase
Immunogen:	KIMLKCDPSDQNP
Sequence:	KIMLKCDPSD QNP
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	SORD
Alternative Name:	SORD ( <a href="#">SORD Products</a> )
Background:	Sorbitol dehydrogenase, SORD, SORD1
Gene ID:	6652
NCBI Accession:	<a href="#">NP_003095</a>

## Application Details

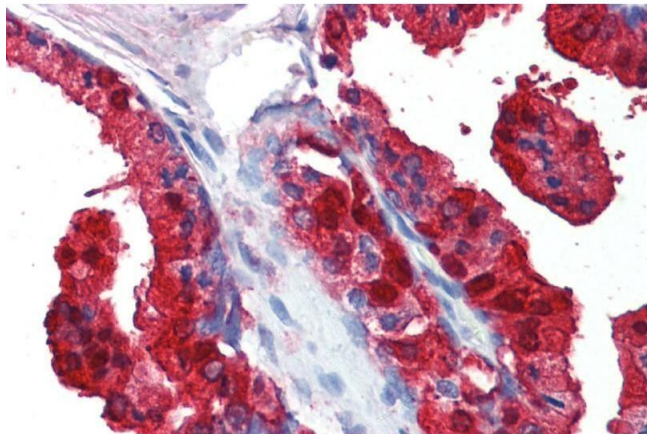
Application Notes:	Western Blot: Approx 38 kDa band observed in Mouse Kidney lysates (calculated MW of 38.3 kDa according to NP_003095.1). Recommended concentration: 0.1-0.3 µg/mL. A minor band of unknown identity was also consistently observed at 48 kDa. This band was success Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

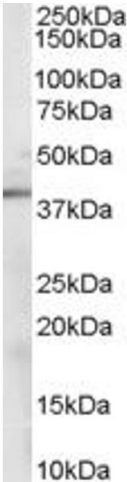
## Publications

Product cited in:	Cao, Aghajanian, Haig-Ladewig, Gerton: "Sorbitol can fuel mouse sperm motility and protein tyrosine phosphorylation via sorbitol dehydrogenase." in: <b>Biology of reproduction</b> , Vol. 80, Issue 1, pp. 124-33, (2008) ( <a href="#">PubMed</a> ).
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**Immunohistochemistry**

**Image 1.** ABIN185332 (5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.



**Western Blotting**

**Image 2.** ABIN185332 (0.1µg/ml) staining of Mouse Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



**Image 3.** ABIN185332 (0.1µg/ml) staining of Mouse Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.