Datasheet for ABIN926669

anti-SORD antibody (N-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	SORD
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SORD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SORD antibody was raised in rabbit using the N terminal of SORD as the immunogen
Purification:	Purified

Target Details

Target:	SORD
Alternative Name:	SORD (SORD Products)
Background:	Sorbitol dehydrogenase catalyzes the interconversion of polyols and their corresponding ketoses, and together with aldose reductase, makes up the sorbitol pathway that is believed to play an important role in the development of diabetic complications. The first reaction of the pathway (also called the polyol pathway) is the reduction of glucose to sorbitol by ALDR1 with NADPH as the cofactor. SORD then oxidizes the sorbitol to fructose using NAD(+) cofactor.

Target Details

	Synonyms: Polyclonal SORD antibody, Anti-SORD antibody, sorbitol dehydrogenase antibody, SORD1 antibody.

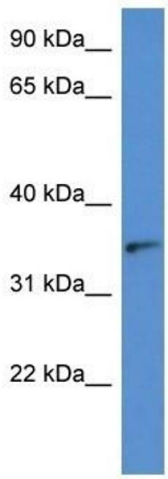
Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	SORD Blocking Peptide, catalog no. 33R-1509, is also available for use as a blocking control in assays to test for specificity of this SORD antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. Western Blot showing SORD antibody used at a concentration of 1 ug/ml against Hela Cell Lysate