

Datasheet for ABIN5010320

anti-SORD antibody (AA 251-357) (AbBy Fluor® 680)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SORD
Binding Specificity:	AA 251-357
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SORD antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Sorbitol Dehydrogenase
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	SORD
Alternative Name:	SDH/Sorbitol Dehydrogenase (SORD Products)

Target Details

Background:	Synonyms: L iditol 2 dehydrogenase, SDH, SORD 1, SORD, SORD1. DHSO_HUMAN Background: Sorbitol dehydrogenase (SDH), a member of the medium-chain dehydrogenase/reductase protein family and the second enzyme of the polyol pathway of glucose metabolism, converts sorbitol to fructose strictly using NAD(+) as coenzyme. SDH is expressed almost ubiquitously in all mammalian tissues. The enzyme has attracted considerable interest due to its implication in the development of diabetic complications as the polyol pathway is particularly active in hyperglycemic states. Although SORD is closely related to the class I long-chain alcohol dehydrogenases, it differs in substrate specificity, catalyzing polyols such as sorbitol and xylitol but having no activity towards primary alcohols.
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Gene ID:	6390
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months