SORD Conjugated Antibody

Catalog No: #C32609

Package Size: #C32609-AF350 100ul #C32609-AF405 100ul #C32609-AF488 100ul #C32609-AF555 100ul #C32609-AF594 100ul #C32609-AF647 100ul #C32609-AF680 100ul #C32609-AF750 100ul #C32609-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SORD Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total SORD protein.
Immunogen Description	Recombinant protein of human SORD.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SORD1
Accession No.	Swiss-Prot#:Q00796NCBI Gene ID:6652
Uniprot	Q00796
GeneID	6652;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	38
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were purified by affinity purification using immunogen.

Background

SORD(Sorbitol dehydrogenase) is also named as L-iditol 2-dehydrogenase and belongs to the zinc-containing alcohol dehydrogenase family. It 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. This protein can form a homotetramer(PMID:12962626).

Note: This product is for in vitro research use only