

DCXR Conjugated Antibody

Catalog No: #C43354



Package Size: #C43354-AF350 100ul #C43354-AF405 100ul #C43354-AF488 100ul
 #C43354-AF555 100ul #C43354-AF594 100ul #C43354-AF647 100ul
 #C43354-AF680 100ul #C43354-AF750 100ul #C43354-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	DCXR Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total DCXR protein.
Immunogen Description	Full length fusion protein of human DCXR
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	XR; DCR; HCR2; P34H; HCR2I; KIDCR; PNTSU; SDR20C1
Accession No.	Swiss-Prot#:Q7Z4W1NCBI Gene ID:51181NCBI mRNA#:BC001470NCBI Protein#:
Uniprot	Q7Z4W1
GeneID	51181;
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	26KD
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

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.

Note: This product is for in vitro research use only