DOPEY1 Conjugated Antibody

Catalog No: #C37064

Package Size: #C37064-AF350 100ul #C37064-AF405 100ul #C37064-AF488 100ul #C37064-AF555 100ul #C37064-AF594 100ul #C37064-AF647 100ul #C37064-AF680 100ul #C37064-AF750 100ul #C37064-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	DOPEY1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total DOPEY1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human dopey family member 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KIAA1117; dJ202D23.2
Accession No.	Swiss-Prot#:Q5JWR5NCBI Gene ID:23033NCBI Protein#:NP_055833.2
Uniprot	Q5JWR5
GeneID	23033;
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
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

This gene belongs to the dopey family. It is a transporter protein, possibly involved in protein traffic between late Golgi and early endosomes. This gene plays a potential role in functional brain alterations and in the pathogenesis of mental retardation in Down syndrome, it overexpression in the brain regions, that are altered in Down syndrome patients and involved in learning and memory processes.

Note: This product is for in vitro research use only