

DNALI1 Conjugated Antibody

Catalog No: #C30532



Package Size: #C30532-AF350 100ul #C30532-AF405 100ul #C30532-AF488 100ul
 #C30532-AF555 100ul #C30532-AF594 100ul #C30532-AF647 100ul
 #C30532-AF680 100ul #C30532-AF750 100ul #C30532-Biotin 100ul

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Description

Product Name	DNALI1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Ms
Immunogen Description	Recombinant fusion protein of human DNALI1 (NP_003453.2).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DNALI1; P28; dJ423B22.5; hp28; dynein axonemal light intermediate chain 1
Accession No.	Swiss-Prot#:O14645NCBI Gene ID:7802
Uniprot	O14645
GeneID	7802;
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	36kDa
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 is the human homolog of the *Chlamydomonas* inner dynein arm gene, p28. The precise function of this gene is not known, however, it is a potential candidate for immotile cilia syndrome (ICS). Ultrastructural defects of the inner dynein arms are seen in patients with ICS. Immotile mutant strains of *Chlamydomonas*, a biflagellated algae, exhibit similar defects.

Note: This product is for in vitro research use only