

CERS2 Conjugated Antibody

Catalog No: #C37286



Package Size: #C37286-AF350 100ul #C37286-AF405 100ul #C37286-AF488 100ul
 #C37286-AF555 100ul #C37286-AF594 100ul #C37286-AF647 100ul
 #C37286-AF680 100ul #C37286-AF750 100ul #C37286-Biotin 100ul

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Description

Product Name	CERS2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CERS2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Ceramide synthase 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	L3; LASS2; SP260; TMSG1
Accession No.	Swiss-Prot#:Q96G23 NCBI Gene ID:29956NCBI mRNA#:NCBI Protein#:NP_034868
Uniprot	Q96G23
GeneID	29956;
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	45
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 encodes a protein that has sequence similarity to yeast longevity assurance gene 1. Mutation or overexpression of the related gene in yeast has been shown to alter yeast lifespan. The human protein may play a role in the regulation of cell growth. Alternatively spliced transcript variants encoding the same protein have been described. Suppresses the growth of cancer cells. May be involved in sphingolipid synthesis. Expressed in kidney, liver, brain, heart, placenta and lung.

Note: This product is for in vitro research use only