

## CLN6 Conjugated Antibody

Catalog No: #C34576



Package Size: #C34576-AF350 100ul #C34576-AF405 100ul #C34576-AF488 100ul  
 #C34576-AF555 100ul #C34576-AF594 100ul #C34576-AF647 100ul  
 #C34576-AF680 100ul #C34576-AF750 100ul #C34576-Biotin 100ul

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## Description

|                       |                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | CLN6 Conjugated Antibody                                                                                                                                                     |
| Host Species          | Rabbit                                                                                                                                                                       |
| Clonality             | Polyclonal                                                                                                                                                                   |
| Species Reactivity    | Hu                                                                                                                                                                           |
| Specificity           | The antibody detects endogenous levels of total CLN6 protein.                                                                                                                |
| Immunogen Description | Synthesized peptide derived from internal of human CLN6.                                                                                                                     |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750                                                                                                                       |
| Other Names           | ceroid-lipofuscinosis neuronal protein 6                                                                                                                                     |
| Accession No.         | Swiss-Prot#:Q9NWW5NCBI Gene ID:54982                                                                                                                                         |
| Uniprot               | Q9NWW5                                                                                                                                                                       |
| GeneID                | 54982;                                                                                                                                                                       |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 40                                                                                                                                                                           |
| 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

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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This gene is one of eight which have been associated with neuronal ceroid lipofuscinoses (NCL). Also referred to as Batten disease, NCL comprises a class of autosomal recessive, neurodegenerative disorders affecting children. The genes responsible likely encode proteins involved in the degradation of post-translationally modified proteins in lysosomes. The primary defect in NCL disorders is thought to be associated with lysosomal storage function.

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Note: This product is for in vitro research use only