

## Clathrin heavy chain Conjugated Antibody

Catalog No: #C49560



Package Size: #C49560-AF350 100ul #C49560-AF405 100ul #C49560-AF488 100ul  
 #C49560-AF555 100ul #C49560-AF594 100ul #C49560-AF647 100ul  
 #C49560-AF680 100ul #C49560-AF750 100ul #C49560-Biotin 100ul

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## Description

Product Name	Clathrin heavy chain Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms,Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CHC17 antibody Clathrin heavy chain antibody Clathrin heavy chain 1 antibody Clathrin heavy chain 2 antibody Clathrin heavy chain like 1 antibody Clathrin heavy chain on chromosome 17 antibody Clathrin heavy polypeptide antibody CLH 17 antibody CLH 22 antibody CLH-17 antibody CLH1_HUMAN antibody CLH17 antibody CLH22 antibody CLTC antibody CLTCL antibody CLTCL1 antibody CLTCL2 antibody CLTD antibody Hc antibody KIAA0034 antibody
Accession No.	Swiss-Prot#:P53675
Uniprot	P53675
GeneID	8218;
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	191/187 kDa
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

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## Background

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Clathrin is a major cytosolic coat protein in pits and vesicles originating from the plasma membrane and the trans-Golgi network. In receptor-mediated endocytosis, receptor proteins are engulfed by clathrin-coated vesicles. Clathrin is composed of three heavy chains and three light chains which associate non-covalently to form a triskelion structure. Clathrin heavy chain (HC) is composed of a terminal globular domain, a distal segment and a proximal segment containing a light chain binding site. The proximal segment of the Clathrin HC protein is essential for interactions between clathrin heavy chains and light chains which result in the formation of the triskelion structure.

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Note: This product is for in vitro research use only