

Anti-Clathrin, Heavy Chain Antibody
Mouse Monoclonal Antibody
Catalog # AH13121

Specification

Anti-Clathrin, Heavy Chain Antibody - Product Information

| | |
|-------------------|---|
| Application | ,1,3,4, |
| Primary Accession | P53675 |
| Other Accession | 491351 , 000610 |
| Reactivity | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | Mouse / IgG1, kappa |
| Calculated MW | 187030 |

Anti-Clathrin, Heavy Chain Antibody - Additional Information

Gene ID 8218

Other Names

Clathrin heavy chain; Clathrin heavy chain 1; Clathrin heavy chain 2; Clathrin heavy chain on chromosome 17 (CHC17 or CHC-17); CLH22; CLTC; CLTCL; CLTCL1; CLTCL2; CLTD

Format

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

Anti-Clathrin, Heavy Chain Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Clathrin, Heavy Chain Antibody - Protein Information

Name CLTCL1

Synonyms CLH22, CLTCL, CLTD

Function

Clathrin is the major protein of the polyhedral coat of coated pits and vesicles. Two different adapter protein complexes link the clathrin lattice either to the plasma membrane or to the trans-Golgi network (By similarity).

Cellular Location

Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Membrane, coated pit; Peripheral membrane protein; Cytoplasmic side. Note=Cytoplasmic face of coated pits

and vesicles.

Tissue Location

Maximal levels in skeletal muscle. High levels in heart and testis. Low expression detected in all other tissues

Anti-Clathrin, Heavy Chain Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Clathrin, Heavy Chain Antibody - Images**Anti-Clathrin, Heavy Chain Antibody - Background**

Recognizes protein of 192kDa, which is identified as Clathrin Heavy Chain. 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.