Clathrin heavy chain Rabbit pAb

Catalog NO.: A12423SP **6 Publications**

Basic Information

Observed MW
192 kDa

Calculated MW
188 kDa/192 kDa

Category
Polyclonal Antibodies

Applications
WB, IP, IF/ICC, IHC-P, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

Clathrin is a major protein component of the cytoplasmic face of intracellular organelles, called coated vesicles and coated pits. These specialized organelles are involved in the intracellular trafficking of receptors and endocytosis of a variety of macromolecules. The basic subunit of the clathrin coat is composed of three heavy chains and three light chains.

Recommended Dilutions

WB 1:1000 - 1:5000

IP
0.5 μg - 4 μg antibody for 200 μg - 400 μg extracts of whole cells

IF/ICC 1:100 - 1:200

IHC-P 1:1500 - 1:6000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (⩾1:10000)，a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
1213

Swiss Prot
Q00610

Immunogen
This information is considered to be commercially sensitive.

Synonyms
Hc; CHC; CHC17; MRD56; CLH-17; CLTCL2; Clathrin heavy chain

Contact

Product Information

order@abclonal.com
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www.abclonal.com

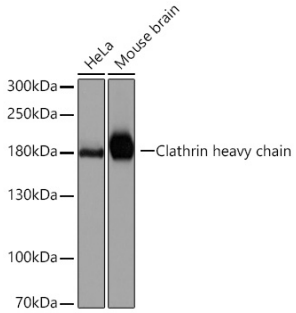
Source
Rabbit

Isotype
IgG

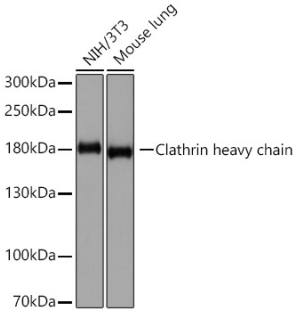
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

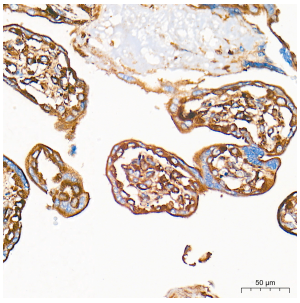
Validation Data

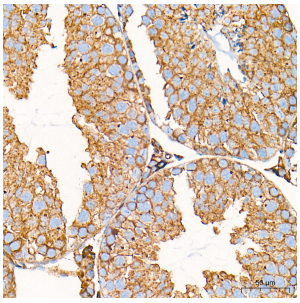


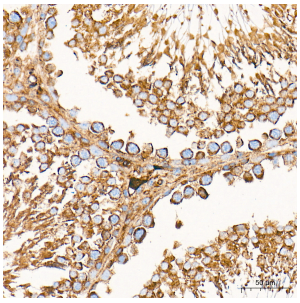
Western blot analysis of various lysates using Clathrin heavy chain Rabbit pAb (A12423SP) at 1:3000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.



Western blot analysis of various lysates using Clathrin heavy chain Rabbit pAb (A12423SP) at 1:3000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3 s.





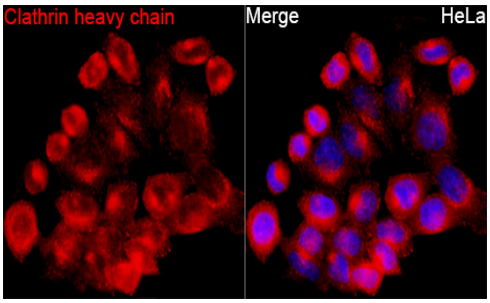


Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using Clathrin heavy chain Rabbit pAb (A12423SP) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using Clathrin heavy chain Rabbit pAb (A12423SP) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using Clathrin heavy chain Rabbit pAb (A12423SP) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunofluorescence analysis of HeLa cells using Clathrin heavy chain Rabbit pAb (A12423SP) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

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