Clathrin heavy chain Rabbit mAb

Catalog No.: A4943 Recombinant 3 Publications



Basic Information

Observed MW

192kDa

Calculated MW

191kDa

Category

Primary antibody

Applications

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

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1228

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 - 1:6000

IHC-P 1:200 - 1:2000

IF/ICC 1:100 - 1:400

IP 0.5μg-4μg antibody for

200µg-400µg extracts of

whole cells

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Contact

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Immunogen Information

Gene ID1213/8218

Swiss Prot
Q00610/P53675

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

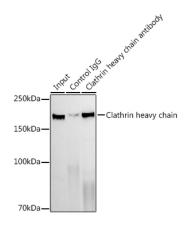
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

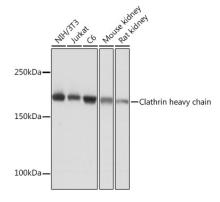
Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.



Immunoprecipitation analysis of 300 μg extracts of NIH/3T3 cells using 3 μg Clathrin heavy chain antibody (A4943). Western blot was performed from the immunoprecipitate using Clathrin heavy chain antibody (A4943) at a dilution of 1:1000.



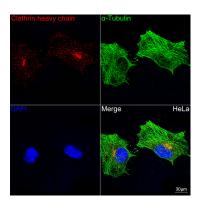
Western blot analysis of various lysates using Clathrin heavy chain Rabbit mAb (A4943) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

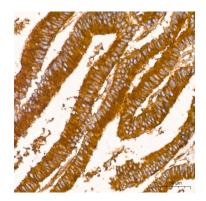
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

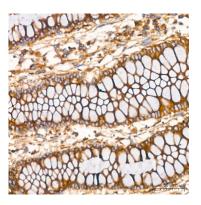
Exposure time: 10s.



Confocal imaging of HeLa cells using Clathrin heavy chain Rabbit mAb (A4943, dilution 1:100) (Red). The cells were counterstained with $\alpha\text{-}Tubulin$ Rabbit mAb (AC049, dilution 1:100) (Green). DAPI was used for nuclear staining (blue). Objective: 60x.

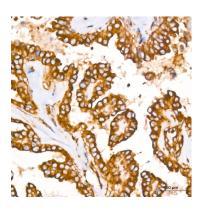


Immunohistochemistry analysis of paraffinembedded Human colon carcinoma tissue using Clathrin heavy chain Rabbit mAb (A4943) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human colon tissue using Clathrin heavy chain Rabbit mAb (A4943) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffinembedded Human thyroid cancer tissue using Clathrin heavy chain Rabbit mAb (A4943) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.