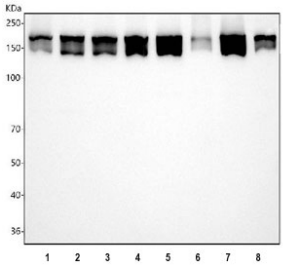
Clathrin heavy chain Antibody / CLTC [clone ABDH-3] (RQ8261)

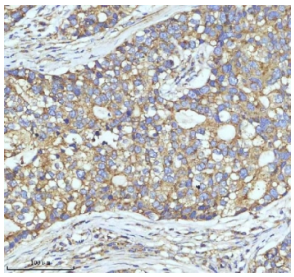
Catalog No.	Formulation	Size
RQ8261	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

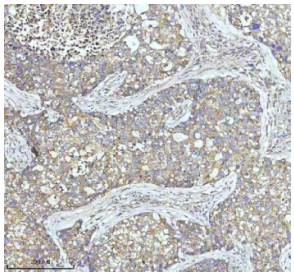
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ABDH-3
Purity	Antigen affinity purified
UniProt	Q00610
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml
Limitations	This Clathrin heavy chain antibody is available for research use only.



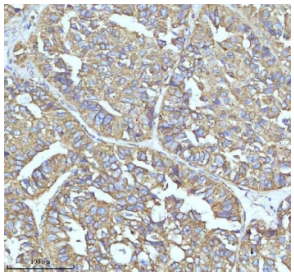
Western blot testing of 1) human HeLa, 2) human 293T, 3) human K562, 4) human PC-3, 5) rat brain, 6) rat kidney, 7) mouse brain and 8) mouse kidney tissue lysate with Clathrin heavy chain antibody. Predicted molecular weight ~192 kDa.



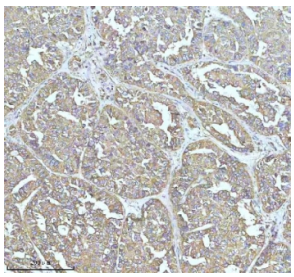
IHC staining of FFPE human lung cancer tissue with Clathrin heavy chain antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



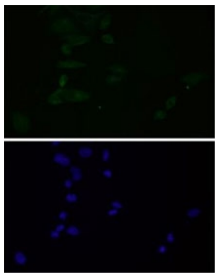
IHC staining of FFPE human lung cancer tissue with Clathrin heavy chain antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human liver cancer tissue with Clathrin heavy chain antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human liver cancer tissue with Clathrin heavy chain antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human HeLa cells with Clathrin heavy chain antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

Description

Clathrin heavy chain 1 is a protein that in humans is encoded by the CLTC gene. 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.

Application Notes

Optimal dilution of the Clathrin heavy chain antibody should be determined by the researcher.

Immunogen

A peptide specific to the human protein was used as the immunogen for the Clathrin heavy chain antibody.

Storage

Store at -20oC.

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