

# Anti-Clathrin Heavy Chain Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P101102

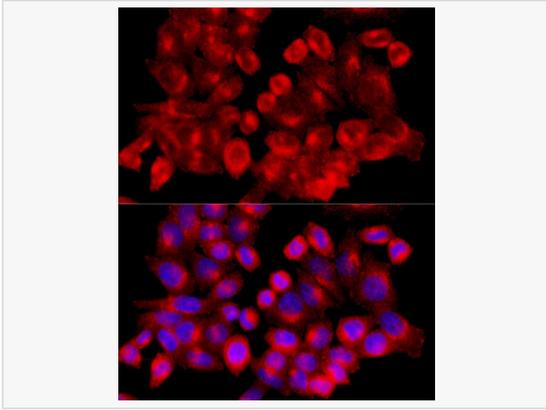
## Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1451-1675 of human Clathrin heavy chain (NP_004850.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Clathrin Heavy Chain Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

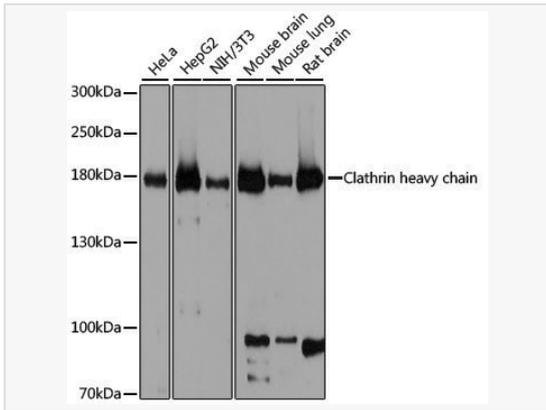
## Protein Information

Synonyms	Hc; CHC; CHC17; MRD56; CLH-17; CLTCL2; Clathrin heavy chain.
Calculated MW	Calculated MW: 192 kDa; Observed MW: 191 kDa
Uniprot ID	Q00610
Gene ID	1213
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.

## Validation Images



Immunofluorescence analysis of HeLa cells using Clathrin heavy chain Rabbit pAb (P101102) at dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using Clathrin heavy chain Rabbit pAb (P101102) at 1:1,000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 5s.