bs-2932R **[Primary Antibody]**

Clathrin heavy chain Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1213 **SWISS:** Q00610

Target: Clathrin heavy chain

Immunogen: KLH conjugated synthetic peptide derived from human Clathrin heavy chain.: 401-500/1675.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Jul 2008].

Applications: **WB** (1:500-2000)
ICC/IF (1:50-200)

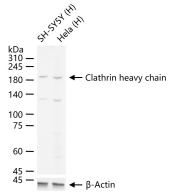
Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Bee, Ant, Frog, Silkworm)

Predicted MW.: 192 kDa

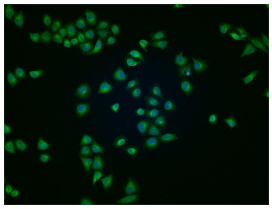
Observed MW.: 185 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Clathrin heavy chain polyclonal antibody, unconjugated (bs-2932R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (Clathrin heavy chain) polyclonal Antibody, Unconjugated (bs-2932R) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

SELECTED CITATIONS

- **[IF=0]** Mörke, Caroline. ""Caveolae-mediated phagocytosis of biomaterial surface structures by human osteoblasts."Universität Rostock, 2016. ICC ;="Human". UniversitätRostock,2016.