

## LC3 Rabbit pAb

Catalog Number: bs-24359R

Target Protein: LC3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human, Rat, Pig, Cow, Horse)

Predicted MW: 14/16 kDa

Subcellular: Cell membrane, Cytoplasm

Locations:

Entrez Gene: 84557

Swiss Prot: Q9H492

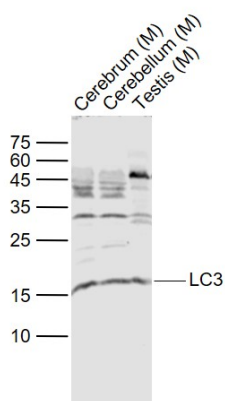
Source: KLH conjugated synthetic peptide derived from human LC3: 1-100/121.

Purification: affinity purified by Protein A

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.

### VALIDATION IMAGES



Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug Lane 2: Cerebellum (Mouse) Lysate at 40 ug Lane 3: Testis (Mouse) Lysate at 40 ug Primary: Anti-LC3 (bs-24359R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 17/14 kD Observed band size: 17 kD

### PRODUCT SPECIFIC PUBLICATIONS

**[IF=7]** Li Hongli. et al. Linc00707 regulates autophagy and promotes the progression of triple negative breast cancer by activation of

PI3K/AKT/mTOR pathway. CELL DEATH DISCOV. 2024 Mar;10(1):1-14 WB ; Human . 38485945

**[IF=5.923]** Hyoung Moon Kim. et al. Evaluating Whether Radiofrequency Irradiation Attenuated UV-B-Induced Skin Pigmentation by Increasing Melanosomal Autophagy and Decreasing Melanin Synthesis. Int J Mol Sci. 2021 Jan;22(19):10724 WB ; Mouse . 34639063

**[IF=6.196]** Cheng He. et al. Crosstalk of renal cell carcinoma cells and tumor-associated macrophages aggravates tumor progression by modulating muscleblind-like protein 2/B-cell lymphoma 2/beclin 1-mediated autophagy. CYTOTHERAPY. 2022 Oct;: WB ; Human . 36244911

**[IF=5.572]** Baoxin Qiao. et al. Curcumin attenuates AFB1-induced duck liver injury by inhibiting oxidative stress and lysosomal damage. FOOD CHEM TOXICOL. 2022 Dec;:113593 IF ; Duck . 36596445

**[IF=3.9]** Cuicui Zhuang. et al. Escherichia coli infection induces ferroptosis in bovine mammary epithelial cells by activating the Wnt/ $\beta$ -catenin pathway-mediated mitophagy. MITOCHONDRION. 2024 Sep;78:101921 WB ; Bovine . 38885732