bs-24359R **[Primary Antibody]**

LC3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 84557 **SWISS:** Q9H492

Target: LC3

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

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.

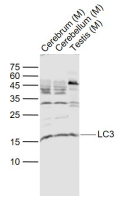
Applications: **WB** (1:500-2000)

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

Predicted MW.: 14/16 kDa

Subcellular Location: Cell membrane ,Cytoplasm

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

SELECTED CITATIONS

- **[IF=9.6]** Ailin Wu. et al. Improved Black Phosphorus Nanocomposite Hydrogel for Bone Defect Repairing: Mechanisms for Advancing Osteogenesis. ADV HEALTHC MATER. 2025 Jan;:2404934 WB ;Rat. 39846309
- **[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