

bs-7106R**[Primary Antibody]****BioSS**
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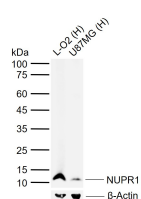
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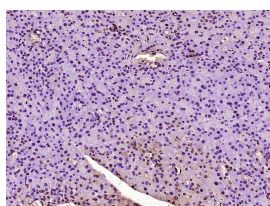
400-901-9800

NUPR1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 26471 Target: NUPR1 Immunogen: KLH conjugated synthetic peptide derived from human NUPR1/p8: 31-82/82. 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: Could participate in the response to proapoptotic stimuli and promotes cellular growth in a way that helps the tissue counteract diverse injuries. May contribute to the metastatic phenotype. Tissue specificity: Highly expressed in pancreas.	Isotype: IgG SWISS: O60356	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: Human, Mouse (predicted: Rat, Sheep, Cow, Dog, Horse) Predicted MW.: 9 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Sample: Lane 1: Human L-O2 cell lysates Lane 2: Human U87MG cell lysates Primary: Anti-NUPR1 (bs-7106R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 9 kDa Observed band size: 11 kDa



Paraformaldehyde-fixed, paraffin embedded (Mouse pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NUPR1) Polyclonal Antibody, Unconjugated (bs-7106R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=24.633]** Yanxin Li. et al. Decoding the temporal and regional specification of microglia in the developing human brain. Cell Stem Cell. 2022 Mar; IF ;Mouse,Human. 35245443
- **[IF=7.126]** Narzt et al. A novel role for NUPR1 in the keratinocyte stress response to UV oxidized phospholipids. (2018) Redox.Biol. 20:467-482 IF ;Human. 30466060
- **[IF=6.1]** Zhou Jie. et al. Nupr1-mediated vascular smooth muscle cell phenotype transformation involved in methamphetamine induces pulmonary hypertension. CELL BIOL TOXICOL. 2024 Dec;40(1):1-20 IHC,IF ;Mouse. 38347241
- **[IF=6.1]** Liao Taiyang. et al. Suppression of NUPR1 in fibroblast-like synoviocytes reduces synovial fibrosis via the

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Smad3 pathway. J TRANSL MED. 2024 Dec;22(1):1-14 IF, WB ; Mouse. 39090667

- **[IF=5.391]** Shiraki M et al. Deficiency of stress-associated gene Nupr1 increases bone volume by attenuating differentiation of osteoclasts and enhancing differentiation of osteoblasts. FASEB J. 2019 May 8:fj201802322RR. IF ; Mouse. 31067083