

NUPR1 Rabbit pAb

Catalog Number: bs-7106R

Target Protein: NUPR1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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

Entrez Gene: 26471

Swiss Prot: O60356

Source: KLH conjugated synthetic peptide derived from human NUPR1/p8: 31-82/82.

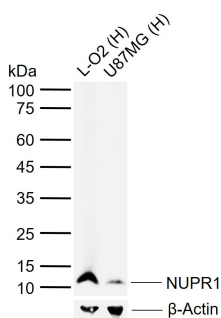
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

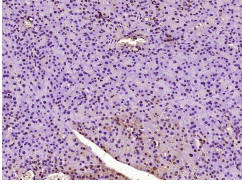
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

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.

PRODUCT SPECIFIC PUBLICATIONS

[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 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