

bs-1071R**[Primary Antibody]****HRAS Rabbit pAb****BioSS**
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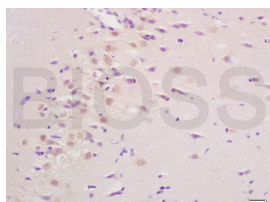
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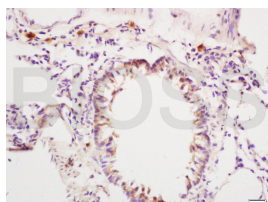
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 4893 Target: HRAS Immunogen: KLH conjugated synthetic peptide derived from human H-ras: 101-152/189. 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: N-RAS (neuroblastoma RAS viral oncogene homolog) analogously to other GTP-binding proteins (such as Translation Elongation Factor EFTu or signal transducing G-Proteins) RAS proteins are involved in signal transduction pathways, ras gene family is part of the ras superfamily including the mammalian RAS, RAL, RAC, RHO, RAP, and RAB gene families and the yeast homologs like SEC4 and YPT1 genes; genes encode small monomeric proteins of low molecular mass (20-30 kDa) which share at least 30% homology to RAS proteins.	Isotype: IgG SWISS: P01111	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Pig) Predicted MW.: 21 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Tissue/cell: rat brain tissue; 4%
Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-HRAS/Ras/Ras p21 Polyclonal Antibody, Unconjugated(bs-1071R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat lung tissue; 4%
Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-HRAS/Ras/Ras p21 Polyclonal Antibody, Unconjugated(bs-1071R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=2.9]** Wang Jingjing. et al. Transcriptomic characterization of lamb ovaries and oocytes reveals key biomarkers after superovulation. J ANIM SCI. 2025 Jun;; IHC,IF ;Sheep. 40495310
- **[IF=1.994]** DAN-PING XIE et al. Anti-tumor Properties of Picrasma quassioides Extracts in H-RasG12V Liver Cancer Are Mediated Through ROS-dependent Mitochondrial Dysfunction. ANTICANCER RESEARCH 40: 3819-3830 (2020) **WB** ;Human. 10.21873/anticancer.14371
- **[IF=1.994]** Xie D et al. Anti-tumor Properties of Picrasma quassioides Extracts in H-RasG12V Liver Cancer Are Mediated

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- Through ROS-dependent Mitochondrial Dysfunction. Anticancer Res. 2020 Jul;40(7):3819-3830. WB ;human. 32620621
- **[IF=1.785]** Gui-Nan Shen. et al. The compound 2-benzylthio-5,8-dimethoxynaphthalene-1,4-dione leads to apoptotic cell death by increasing the cellular reactive oxygen species levels in Ras-mutated liver cancer cells. Exp Ther Med. 2020 Nov;20(5):1-1 WB ;Mouse. 32968439