

Anti-Ras NRAS Rabbit Monoclonal Antibody

Catalog Number: M00099-2

About NRAS

Phosphoinositide-3-kinase (PI3K) that phosphorylates PtdIns (Phosphatidylinositol), PtdIns4P (Phosphatidylinositol 4-phosphate) and PtdIns (4,5) P2 (Phosphatidylinositol 4,5-bisphosphate) to generate phosphatidylinositol 3,4,5-trisphosphate (PIP3) . PIP3 plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDPK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. Participates in cellular signaling in response to various growth factors.

Overview

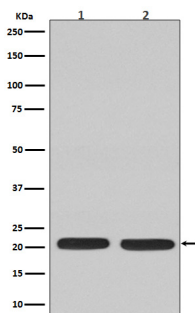
Product Name	Anti-Ras NRAS Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Ras NRAS Rabbit Monoclonal Antibody catalog # M00099-2. Tested in WB, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, WB
Clonality	Monoclonal DBC-14
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01111/P01112/P01116

Technical Details

Immunogen	A synthesized peptide derived from human Ras
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:
WB 1:10000-1:20000
IP 1:20
FC 1:50

Anti-Ras NRAS Rabbit Monoclonal Antibody (M00099-2) Images



Western blot analysis of Ras expression in (1) C6 cell lysate;
(2) Jurkat cell lysate.

2 Publications Citing This Product

1. PubMed ID: -, Huanyue Cui,Xueying Liu,Jin Zhang,Ke Zhang,Dahong Yao,Shi Dong,Shushu Feng,Lu Yang, Yuyao Li,Hangyu Wang,Jian Huang,Jinhui Wang,"Rhodiola rosea L. Attenuates Cigarette Smoke and Lipopolysaccharide-Induced COPD in Rats via Inflammation Inhibition and Antioxidant and Antifibrosis Pathways",Evidence-Based Complementary and Alternative Medicine,vol. 2021,Article ID 6103158,18 pages,2021.<https://doi.org/10.1155/2021/6103158>

2. PubMed ID: 17118848, Li M, Liu W, Zhu Yf, Chen Yl, Zhang Bz, Wang R. Acta Oncol. 2006;45(8):1115-9. Correlation Of Cox-2 And K-Ras Expression To Clinical Outcome In Gastric Cancer.

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