

pan-RAS Recombinant antibody

Cat: B36235S

Company: HaoKebio

Uniprot ID: P01116

Applications: IHC:1:500-1:2000

Organism: Rabbit

IHC-Polymer:1:2000-1:8000

Species reactivity: Human Mouse Rat

IHC-TSA:1:2500-1:10000

Molecular Weight Calculation: 188 aa, 21 kDa

IF:1:50-1:100

Observed Molecular Weight: 21 kDa

WB:1:20000-1:100000

Background:

The 21 kDa guanine-nucleotide binding proteins (K-Ras, H-Ras, and N-Ras) belong to the Ras onco gene family, whose members are related to the transforming genes of mammalian sarcoma retro viruses. K-Ras, H-Ras, and N-Ras have similar structure and sequences. These proteins can bind GTP and GDP, and they have intrinsic GTPase activity. The ras genes are ubiquitously expressed although mRNA analysis suggests different level expression in tissue. Mutations in each ras gene frequently were found in different tumors, suggesting their involvement in the development of specific neoplasia. This antibody can recognize K-Ras, H-Ras, and N-Ras.

Synonyms:

KRAS, 2I22, C K RAS, c Ki ras, c-Ki-ras

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane, Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

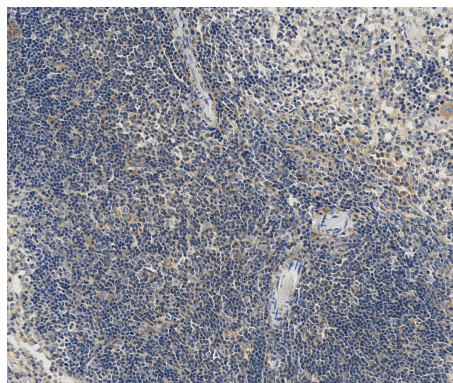
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse spleen, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:pan-RAS(B36235S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:pan-RAS(B36235S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.