

# 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:**

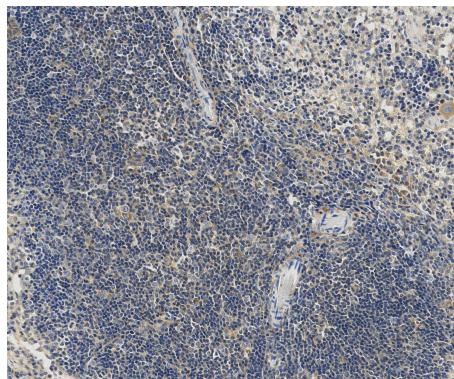
The 21 kDa guanine-nucleotide binding proteins (K-Ras, H-Ras, and N-Ras) belong to the Ras oncogene family, whose members are related to the transforming genes of mammalian sarcoma retro viruses. K-Ras, H-Ras, and N-Ras have similar structure and sequences. These proteins can bind GTP and GDP, and they 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.

**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.

**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.