Product **Datasheet**

Anti-HRAS Rabbit pAb

WL02112

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-HRAS Rabbit pAb
Source	Rabbit
Species reactivity	Human
Tested applications	WB 1:1000-1:2000
Pack size	50/100/200/500/1000µl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

The Ras superfamily of GTPases, named after the rat sarcoma viral oncogene, contains many Ras isoforms including K-Ras, H-Ras and N-Ras. The three isoforms are expressed at different levels in different types of cells. In general, activating mutations of at least one of these isoforms are present in 15% of all cancers. Switching from an active or resting state, Ras can either bind GTP or GDP respectively. In the triphosphate conformation, Ras will interact with GTPase activating protein (GAP) to increase its activity. Mutations in any of the three isoforms can convert these proteins into active oncogenes. Additionally, Ras mutations are found in 30 % of all human cancer.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HRAS.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

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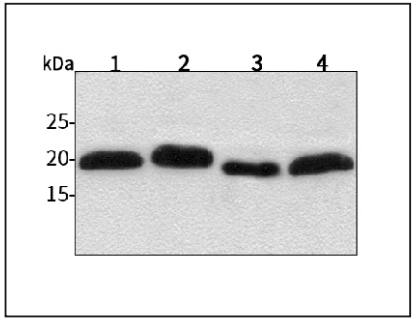
Product Images



Western blot-Anti-HRAS pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MCF-7 cell lysate
All lanes: Anti-HRAS at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 21 kDa
Observed band size: 21 kDa

Wanleibio Co.,Ltd. *400-602-0407* *sales@wanleibio.com* *www.wanleibio.com*