

NRAS Polyclonal Antibody

Catalog number: 10724-1-AP

Size: 41 µg/150 µl

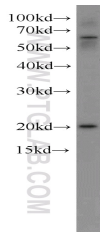
Source: Rabbit

Isotype: IgG

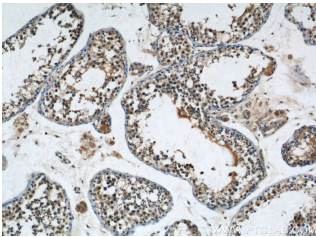
Synonyms:

NRAS; ALPS4, GTPase NRas,
HRAS1, N ras, NRAS, NRAS1,

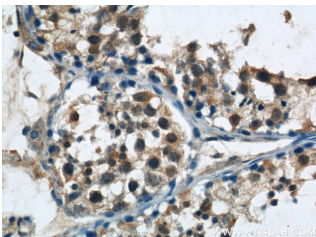
Transforming protein N Ras



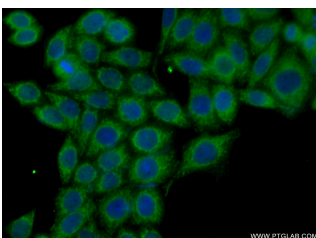
Jurkat cells were subjected to SDS PAGE followed by western blot with 10724-1-AP(NRAS antibody) at dilution of 1:500



Immunohistochemical of paraffin-embedded human testis using 10724-1-AP(NRAS antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human testis using 10724-1-AP(NRAS antibody) at dilution of 1:50 (under 40x lens)



Immunofluorescent analysis of (-20 Ethanol) fixed HeLa

Background

NRAS, also named as N-ras and NRAS1, is neuroblastoma RAS viral (v-ras) oncogene homolog from the mammalian ras gene family and it is a member of the small GTPase superfamily. RAS proteins are involved in signal transduction pathways, and bind GDP/GTP and possess intrinsic GTPase activity. It is mapped on chromosome 1, and it is activated in HL60, a promyelocytic leukemia line. Defects in NRAS are a cause of juvenile myelomonocytic leukemia (JMML).

Applications

Tested applications:	ELISA, WB, IHC, FC, IF
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated NRAS MW:	21 kDa
Observed NRAS MW:	21 kDa
Positive WB detected in	Jurkat cells, A431 cells, HEK-293 cells
Positive IHC detected in	Human testis tissue, human pancreas tissue
Positive IF detected in	HeLa cells
Positive FC detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:50-1:500 FC: N/A

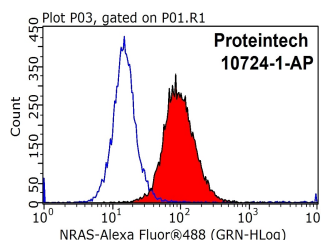
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1081
GenBank accession number:	BC005219
Gene ID (NCBI):	4893
Full name:	Neuroblastoma RAS viral (v-ras) oncogene homolog

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



1X10⁶ HepG2 cells were stained with .2µg NRAS

cells using 10724-1-AP(NRAS
Antibody) at dilution of 1:50
and Alexa Fluor 488-
conjugated AffiniPure Goat
Anti-Rabbit IgG(H+L)

antibody (10724-1-AP, red)
and control antibody (blue).
Fixed with 90% MeOH
blocked with 3% BSA (30
min). Alexa Fluor 488-
conjugated AffiniPure Goat
Anti-Rabbit IgG(H+L) with
dilution 1:1000.