

RAB3C Polyclonal Antibody

Catalog number: 10788-1-AP

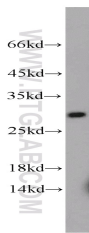
Size: 22 µg/150 µl

Source: Rabbit

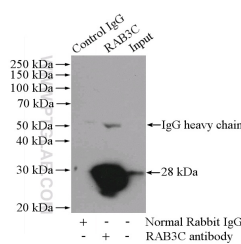
Isotype: IgG

Synonyms:

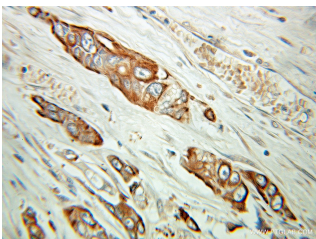
RAB3C; RAB3C, Ras related protein Rab 3C



mouse lung tissue were subjected to SDS PAGE followed by western blot with 10788-1-AP(RAB3C antibody) at dilution of 1:1000



IP Result of anti-RAB3C (IP:10788-1-AP, 4µg; Detection:10788-1-AP 1:300) with mouse brain tissue lysate 4000µg.



Immunohistochemical of paraffin-embedded human ovary tumor using 10788-1-AP(RAB3C antibody) at dilution of 1:100 (under 10x lens)

Background

Rab proteins are small molecular weight GTPases that control vesicular traffic in eukaryotic cells. A subset of Rab proteins, the Rab3 proteins (Rab3A, Rab3B, Rab3C, and Rab3D) are thought to play an important role in regulated exocytosis of vesicles. Although Rab3 proteins are highly homologous, displaying 77-85% amino acid identity with greatest variance evident within the N- and C-terminal regions, their subcellular targets and functional roles remain somewhat distinct between them. RT-PCR analysis indicated that human Rab3C was expressed in the human brain, placenta, and lung.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IF, WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Mouse
Calculated RAB3C MW:	26 kDa
Observed RAB3C MW:	28 kDa
Positive WB detected in	Mouse lung tissue, human brain tissue, mouse brain tissue
Positive IP detected in	Mouse brain tissue
Positive IHC detected in	Human ovary tumor tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag1241
GenBank accession number:	BC013033
Gene ID (NCBI):	115827
Full name:	RAB3C, member RAS oncogene family

Product information

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