

RIC8A Polyclonal Antibody

Catalog number: 11138-1-AP

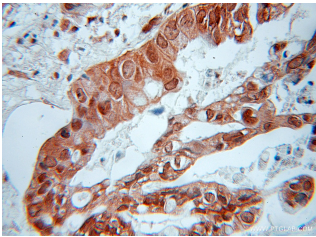
Size: 20 µg/150 µl

Source: Rabbit

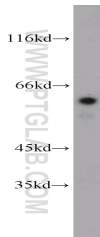
Isotype: IgG

Synonyms:

RIC8A; Protein Ric 8A, RIC8,
RIC8A, synembryn, Synembryn
A



Immunohistochemical of paraffin-embedded human pancreas cancer using 11138-1-AP (RIC8A antibody) at dilution of 1:50 (under 10x lens)



human brain tissue were subjected to SDS PAGE followed by western blot with 11138-1-AP (RIC8A antibody) at dilution of 1:200

Background

RIC8A, also named as synembryn-A, is a Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins by exchanging bound GDP for free GTP. It is involved in regulation of microtubule pulling forces during mitotic movement of chromosomes by stimulating G(i)-alpha protein, possibly leading to release G(i)-alpha-GTP and NuMA proteins from the NuMA-GPSM2-G(i)-alpha-GDP complex. RIC8A also acts as an activator for G(q)-alpha (GNAQ) protein by enhancing the G(q)-coupled receptor-mediated ERK activation.

Applications

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|--------------------------|--|
| Tested applications: | ELISA, WB, IHC |
| Cited applications: | IHC, WB |
| Species specificity: | Human, Mouse, Rat; other species not tested. |
| Cited species: | Human, mouse |
| Calculated RIC8A MW: | 60 kDa |
| Observed RIC8A MW: | 58-62kd |
| Positive WB detected in | Human brain tissue |
| Positive IHC detected in | Human pancreas cancer tissue |
| Recommended dilution: | WB: 1:200-1:2000 IHC: 1:20-1:200 |

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

Immunogen information

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|---------------------------|---|
| Immunogen: | Ag1593 |
| GenBank accession number: | BC011821 |
| Gene ID (NCBI): | 60626 |
| Full name: | Resistance to inhibitors of cholinesterase 8 homolog A (C. elegans) |

Product information

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