

## RASGRP3 Polyclonal Antibody

Catalog number: 13162-1-AP

Size: 40 µg/150 µl

Source: Rabbit

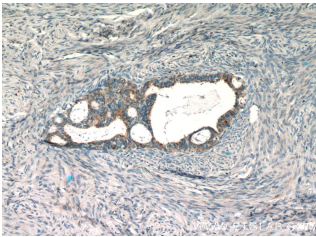
Isotype: IgG

Synonyms:

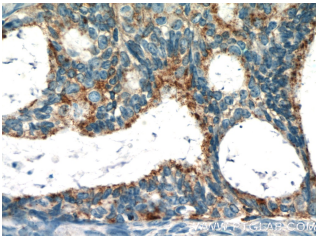
RASGRP3; GRP3, KIAA0846,

Ras guanyl releasing protein 3,

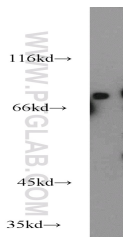
RASGRP3



Immunohistochemistry of paraffin-embedded human ovary tumor slide using 13162-1-AP (RASGRP3 Antibody) at dilution of 1:50



Immunohistochemistry of paraffin-embedded human ovary tumor slide using 13162-1-AP (RASGRP3 Antibody) at dilution of 1:50



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 13162-1-AP (RASGRP3 antibody) at dilution of 1:800

### Background

RAS guanyl releasing protein 3 (RASGRP3) is a member of the RasGRP family and is able to promote guanine nucleotide exchange of Ha-Ras, R-Ras and Rap1 (PMID: 9582122). RASGRP3 is involved in a diverse range of important biological processes. RASGRP3 has emerged as an important mediator of signaling downstream from receptor coupled phosphoinositide turnover in B and T cells. Overexpression of RASGRP3 is commonly associated with many malignancies, such as pre-Bcell leukemia, Burkitt's lymphoma and natural killer-like T-cell leukemia. Recently, it has been reported that upregulation of RASGRP3 expression in prostate cancer correlates with aggressive capabilities and predicts biochemical recurrence after radical prostatectomy (PMID: 24418912).

### Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated RASGRP3 MW:	690aa, 78 kDa
Observed RASGRP3 MW:	70 kDa
Positive WB detected in	RAW264.7 cells, PC-3 cells
Positive IHC detected in	Human ovary tumor 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

Immunogen:	Ag3810
GenBank accession number:	BC027849
Gene ID (NCBI):	25780
Full name:	RAS guanyl releasing protein 3 (calcium and DAG-regulated)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.