

## GORASP2 Polyclonal Antibody

Catalog number: 10598-1-AP

Size: 29 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

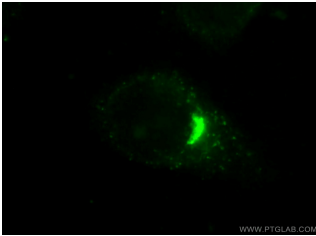
GORASP2; DKFZp434D156,

FLJ13139, Golgi

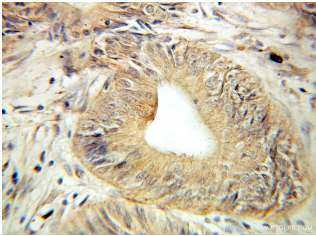
phosphoprotein 6, GOLPH6,

GORASP2, GRASP55, GRS2,

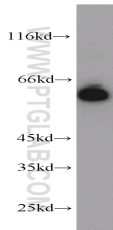
p59



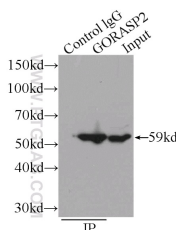
Immunofluorescent analysis of HepG2 cells, using GORASP2 antibody 10598-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG(green).



Immunohistochemical of paraffin-embedded human colon cancer using 10598-1-AP(GORASP2 antibody) at dilution of 1:100 (under 10x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 10598-1-AP(GORASP2 antibody) at dilution of 1:1000



### Background

GORASP2 (Golgi reassembly-stacking protein 2, or GRS2) has multiple phosphorylation sites and can be phosphorylated by MKK/ERK pathway during mitosis. GORASP2 plays a role in the assembly and membrane stacking of the Golgi cisternae, and in the process by which Golgi stacks reform after mitotic breakdown. GORASP2 is supposed to regulate the intracellular transport and presentation of a defined set of transmembrane proteins, such as transmembrane TGFA.

### Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, monkey, mouse
Calculated GORASP2 MW:	55 kDa
Observed GORASP2 MW:	59 kDa
Positive WB detected in	HeLa cells, rat testis tissue
Positive IP detected in	HeLa cells
Positive IHC detected in	Human colon cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:20-1:200

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

### Immunogen information

Immunogen:	Ag0950
GenBank accession number:	BC007770
Gene ID (NCBI):	26003
Full name:	Golgi reassembly stacking protein 2, 55kDa

### Product information

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

**IP Result of anti-GORASP2**  
**(IP:10598-1-AP, 3ug;**  
**Detection:10598-1-AP 1:700)**  
**with HeLa cells lysate 1320ug.**