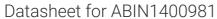
## antibodies .- online.com





## anti-GPS1 antibody (AA 324-370) (Alexa Fluor 555)



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Overview		
Quantity:	100 μL	
Target:	GPS1	
Binding Specificity:	AA 324-370	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GPS1 antibody is conjugated to Alexa Fluor 555	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	
Product Details		
Immunogen:	KLH conjugated synthetic peptide derived from human CSN1	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	
Target Details		
Target:	GPS1	
Alternative Name:	CSN1 (GPS1 Products)	
Background:	Synonyms: CSN1, COPS1, COP9 signalosome complex subunit 1, SGN1, Signalosome subunit	
	1, G protein pathway suppressor 1, GPS-1, JAB1-containing signalosome subunit 1, Protein	

MFH, GPS	М	FH	I. G	PS
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Background: Essential component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (UbI) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the UbI ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the UbI system, respectively. Suppresses G-protein- and mitogen-activated protein kinase-mediated signal transduction.

 Gene ID:
 2873

 UniProt:
 Q13098

Pathways: Cell Division Cycle

## **Application Details**

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months