

Product datasheet for **TA344499**

CSN1 (GPS1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GPS1 antibody: synthetic peptide directed towards the N terminal of human GPS1. Synthetic peptide located within the following region: PLPVQVFNLQGAVEPMQIDVDPQEDPQNAPDVNYVVENPSLDLEQYAASY
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	G protein pathway suppressor 1
Database Link:	NP_004118 Entrez Gene 2873 Human Q13098



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Background:

This protein is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. It shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Synonyms:

COPS1; CSN1; SGN1

Note:

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Zebrafish: 86%

Protein Families:

Druggable Genome

Product images:

WB Suggested Anti-GPS1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: COLO205 cell lysate