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Product datasheet for TA376754

CSN1 (GPS1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 258-527 of human GPS1 (NP_997657.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	55kDa/59kDa
Gene Name:	G protein pathway suppressor 1
Database Link:	Entrez Gene 2873 Human Q13098
Background:	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.
Synonyms:	COPS1; Cops1; Csn1; MGC7191; R75577; Sgn1

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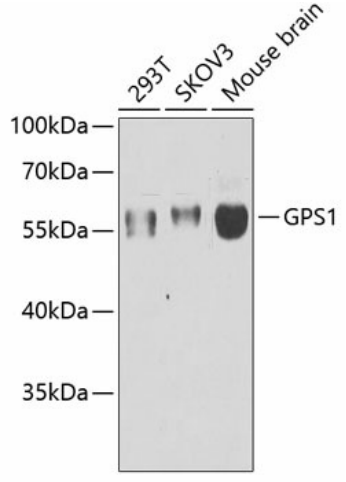
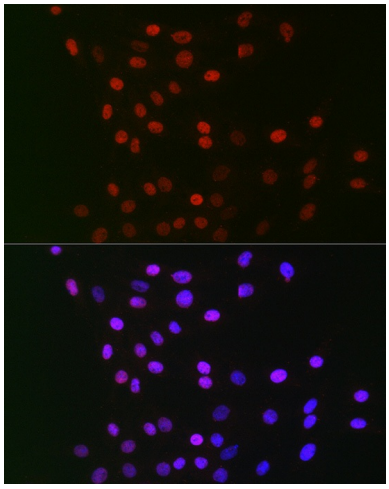
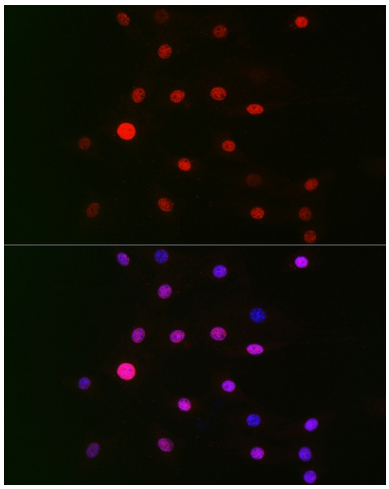
Product images:



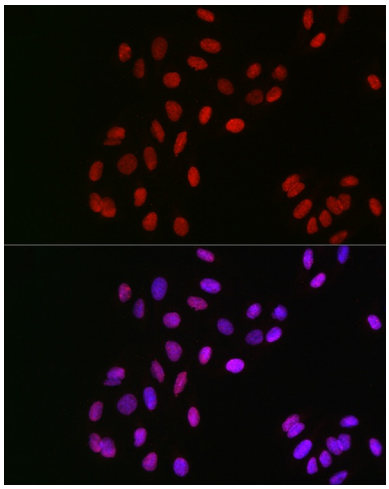
Western blot analysis of extracts of various cell lines, using GPS1 antibody (TA376754) at 1:1000 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Enhanced Kit .|Exposure time: 90s.



Immunofluorescence analysis of C6 cells using GPS1 Rabbit pAb (TA376754) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using GPS1 Rabbit pAb (TA376754) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using GPS1 Rabbit pAb (TA376754) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.