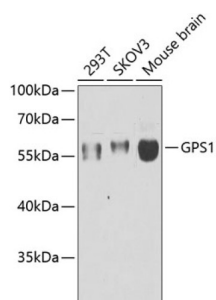
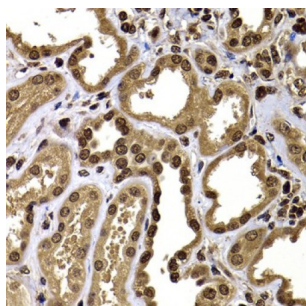


## COP9 Signalosome Complex Subunit 1 (GPS1) Antibody

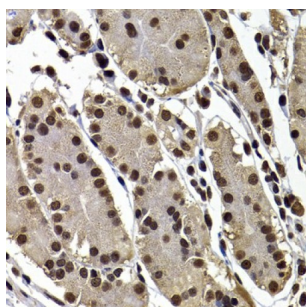
Catalogue No.: abx005257



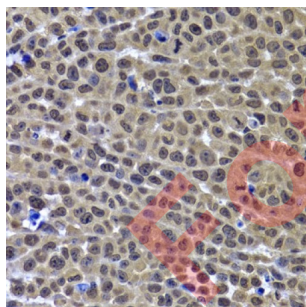
Western blot analysis of extracts of various cell lines using GPS1 Antibody (1/1000 dilution).



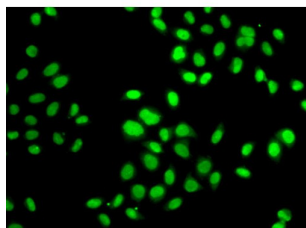
Immunohistochemistry of paraffin-embedded Human kidney using GPS1 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human stomach using GPS1 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse cancer using GPS1 Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of MCF7 cells using GPS1 Antibody

# Datasheet

Version: 4.0.0  
Revision date: 17 Oct 2025



GPS1 Antibody is a Rabbit Polyclonal antibody against GPS1. 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.

|                               |                                                                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | COP9 Signalosome Complex Subunit 1 (GPS1)                                                                                                                  |
| <b>Clonality:</b>             | Polyclonal                                                                                                                                                 |
| <b>Reactivity:</b>            | Human, Mouse                                                                                                                                               |
| <b>Tested Applications:</b>   | WB, IHC, IF/ICC                                                                                                                                            |
| <b>Host:</b>                  | Rabbit                                                                                                                                                     |
| <b>Recommended dilutions:</b> | WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| <b>Conjugation:</b>           | Unconjugated                                                                                                                                               |
| <b>Immunogen:</b>             | Recombinant fusion protein corresponding to human GPS1                                                                                                     |
| <b>Isotype:</b>               | IgG                                                                                                                                                        |
| <b>Form:</b>                  | Liquid                                                                                                                                                     |
| <b>Purification:</b>          | Purified by affinity chromatography.                                                                                                                       |
| <b>Storage:</b>               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                                             |
| <b>UniProt Primary AC:</b>    | Q13098 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                                |
| <b>Gene Symbol:</b>           | GPS1                                                                                                                                                       |
| <b>GeneID:</b>                | <a href="#">2873</a>                                                                                                                                       |
| <b>NCBI Accession:</b>        | NP_997657.1                                                                                                                                                |
| <b>KEGG:</b>                  | hsa:2873                                                                                                                                                   |
| <b>String:</b>                | <a href="#">9606.ENSP00000376167</a>                                                                                                                       |
| <b>Molecular Weight:</b>      | Calculated MW: 55 kDa/59 kDa<br>Observed MW: 55 kDa                                                                                                        |
| <b>Buffer:</b>                | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.                                                                                                  |

# Datasheet

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**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only