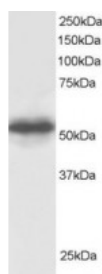




GPS1 Antibody

CATALOG NUMBER: 45-697



Western Blot staining (0.5ug/ml) of Human Testis lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specifications

| | |
|-----------------------------|--|
| SPECIES REACTIVITY: | Human |
| TESTED APPLICATIONS: | ELISA, WB |
| APPLICATIONS: | ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 55kDa band observed in Human Testis lysate (predicted MW of 58kDa according to NP_004118). Recommended for use at 0.5ug/ml. |
| POSITIVE CONTROL: | 1) Cat. No. 1313 - Human Testis Tissue Lysate |
| SPECIFICITY: | This antibody is expected to recognise isoform 1 (NP_997657.1) and isoform 2 (NP_004118.3). |
| IMMUNOGEN: | GPS1 antibody was raised against a 12 amino acid synthetic peptide near the C-Terminus of GPS1. |
| HOST SPECIES: | Goat |

Properties

| | |
|----------------------------|---|
| PURIFICATION: | GPS1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| PHYSICAL STATE: | Liquid |
| BUFFER: | GPS1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. |
| CONCENTRATION: | 500 ug/mL |
| STORAGE CONDITIONS: | Aliquot and store at -20°C. Minimize freezing and thawing. |
| CLONALITY: | Polyclonal |
| CONJUGATE: | Unconjugated |

Additional Info

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|-------------------------|---|
| ALTERNATE NAMES: | GPS1, G protein pathway suppressor 1, COPS1, Arabidopsis FUS6/COP11 homolog, CSN1 |
| ACCESSION NO.: | NP_004118 |
| PROTEIN GI NO.: | 47078240 |
| OFFICIAL SYMBOL: | GPS1 |

GENE ID: 2873

Background

REFERENCES: 1) Spain BH, Bowditch KS, Pacal AR, Staub SF, Koo D, Chang CY, Xie W, Colicelli J. Two human cDNAs, including a homolog of Arabidopsis FUS6 (COP11), suppress G-protein- and mitogen-activated protein kinase-mediated signal transduction in yeast and mammalian cells. Mol Cell Biol. 1996 Dec;16(12):6698-706.

FOR RESEARCH USE ONLY

December 13, 2016