

Goat Anti-GCIP-interacting protein p29 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1471a

Specification

Goat Anti-GCIP-interacting protein p29 Antibody - Product Information

Application	WB
Primary Accession	O95926
Other Accession	NP_997053 , 25949 , 68592 (mouse) , 170933 (rat)
Reactivity	Human, Mouse
Predicted	Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	28722

Goat Anti-GCIP-interacting protein p29 Antibody - Additional Information

Gene ID 25949

Other Names

Pre-mRNA-splicing factor SYF2, CCNDBP1-interactor, p29, SYF2, CBPIN, GCIPIP

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-GCIP-interacting protein p29 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-GCIP-interacting protein p29 Antibody - Protein Information

Name SYF2

Synonyms CBPIN, GCIPIP

Function

Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28076346, PubMed:28076346, PubMed:28076346)

href="http://www.uniprot.org/citations/28502770" target="_blank">28502770).

Cellular Location

Nucleus

Tissue Location

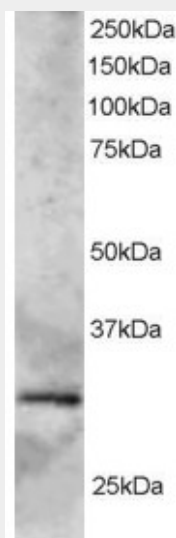
Abundantly expressed in the heart, skeletal muscle and kidney. Expressed at lower level other tissues

Goat Anti-GCIP-interacting protein p29 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-GCIP-interacting protein p29 Antibody - Images



AF1471a staining (2 µg/ml) of Human Heart lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Goat Anti-GCIP-interacting protein p29 Antibody - Background

This gene encodes a nuclear protein that interacts with cyclin D-type binding-protein 1, which is thought to be a cell cycle regulator at the G1/S transition. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Goat Anti-GCIP-interacting protein p29 Antibody - References

Silencing of p29 affects DNA damage responses with UV irradiation. Chu PC, et al. Cancer Res, 2006 Sep 1. PMID 16951160.

The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.

Purification and characterization of native spliceosomes suitable for three-dimensional structural analysis. Jurica MS, et al. RNA, 2002 Apr. PMID 11991638.