

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, Cow
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,
GCIP

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



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.

Name SYF2**Synonyms** CBPIN, GCIP**Function**

Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28502770, PubMed:28076346).

Cellular Location

Nucleus

Tissue Location

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

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.

**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](#)