

p15INK4b (isoform 2) Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3669a

Specification

p15INK4b (isoform 2) Antibody (C-Term) - Product Information

| | |
|-------------------|--|
| Application | WB |
| Primary Accession | P42772 |
| Other Accession | NP_004927.2 , NP_511042.1 , 1030 |
| Reactivity | Human |
| Host | Goat |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Isotype | IgG |
| Calculated MW | 14722 |

p15INK4b (isoform 2) Antibody (C-Term) - Additional Information

Gene ID 1030

Other Names

Cyclin-dependent kinase 4 inhibitor B, Multiple tumor suppressor 2, MTS-2, p14-INK4b, p15-INK4b, p15INK4B, CDKN2B, MTS2

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 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

p15INK4b (isoform 2) Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

p15INK4b (isoform 2) Antibody (C-Term) - Protein Information

Name CDKN2B

Synonyms MTS2

Function

Interacts strongly with CDK4 and CDK6. Potent inhibitor. Potential effector of TGF-beta induced cell cycle arrest.

Cellular Location

Cytoplasm. Note=Also found in the nucleus

Tissue Location

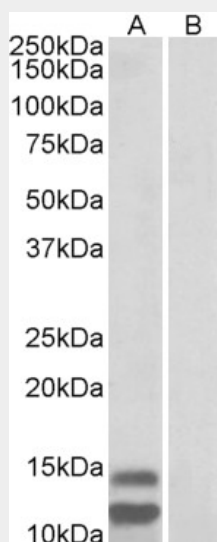
Isoform 2 is expressed in normal (keratinocytes, fibroblasts) and tumor cell lines.

p15INK4b (isoform 2) Antibody (C-Term) - 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](#)

p15INK4b (isoform 2) Antibody (C-Term) - Images



AF3669a (1 µg/ml) staining of Human Gastrointestinal cancer lysate (35 µg protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

p15INK4b (isoform 2) Antibody (C-Term) - Background

This antibody is expected to recognize isoform 2 (NP_511042.1) only.

p15INK4b (isoform 2) Antibody (C-Term) - References

Strategies to re-express epigenetically silenced p15(INK4b) and p21(WAF1) genes in acute myeloid leukemia. Geyer CR. Epigenetics. 2010 Nov-Dec;5(8):696-703. Review. PMID: 21124069