

Product datasheet

info@arigobio.com

ARG54996 anti-URG4 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes URG4

Tested Reactivity Hu

Tested Application IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name URG4

Species Human

Immunogen KLH-conjugated synthetic peptide corresponding to aa. 466-495 (Center) of Human URG4.

Conjugation Un-conjugated

Alternate Names URG4; HBxAg up-regulated gene 4 protein; Up-regulator of cell proliferation; HBV X protein up-

regulated gene 4 protein

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-----------------|
| | IHC-P | Assay-dependent |
| | WB | 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | U-87 MG | |

Properties

Form Liquid

Purification Purification with Protein A and immunogen peptide.

Buffer PBS and 0.09% (W/V) Sodium azide

Preservative 0.09% (W/V) Sodium azide

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GeneID: 55665 Human

Swiss-port # Q8TCY9 Human

Gene Symbol URGCP

Gene Full Name upregulator of cell proliferation

Background URG4 is upregulated in the presence of hepatitis B virus (HBV)-encoded X antigen (HBxAg) and may

contribute to the development of hepatocellular carcinoma by promoting hepatocellular growth and

survival (Tufan et al., 2002 [PubMed 12082552]).[supplied by OMIM, Mar 2008]

Function May be involved in cell cycle progression through the regulation of cyclin D1 expression. May

participate in the development of hepatocellular carcinoma (HCC) by promoting hepatocellular growth

and survival. May play an important role in development of gastric cancer. [UniProt]

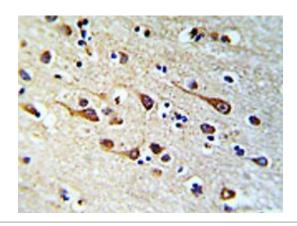
Research Area Cancer antibody; Cell Biology and Cellular Response antibody

Calculated Mw 105 kDa

Cellular Localization Cytoplasm. Nucleus Note=In epithelial cells localized predominantly in the cytoplasm and occasionally

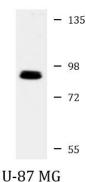
in nuclei

Images



ARG54996 anti-URG4 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded brain tissue stained with ARG54996 anti-URG4 antibody.



ARG54996 anti-URG4 antibody WB image

Western blot: 35 μg of U-87 MG cell lysate stained with ARG54996 anti-URG4 antibody at 1:1000 dilution.