

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	

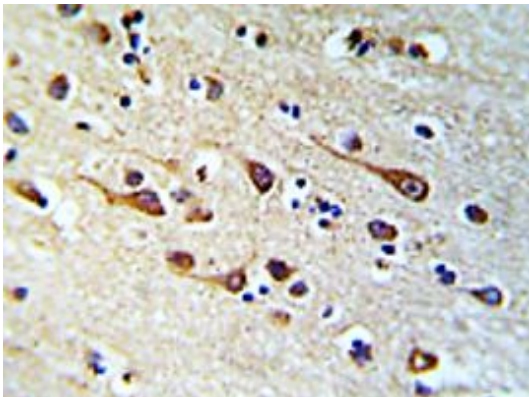
Properties

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

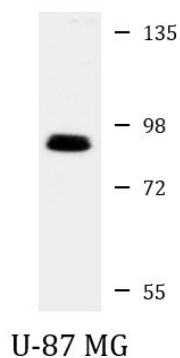
Database links	GeneID: 55665 Human Swiss-port # Q8TCY9 Human
Gene Symbol	URGCP
Gene Full Name	upregulator of cell proliferation
Background	URG4 is upregulated in the presence of hepatitis B virus (HBV)-encoded X antigen (HBxAg) and may contribute to the development of hepatocellular carcinoma by promoting 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.