

## MTOR Antibody

Catalog No: #36991

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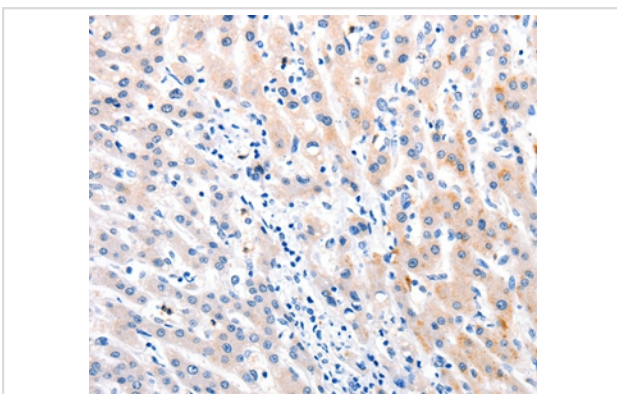
## Description

Product Name	MTOR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total MTOR protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human mechanistic target of rapamycin (serine/threonine kinase)
Target Name	MTOR
Other Names	FRAP; FRAP1; FRAP2; RAFT1; RAPT1
Accession No.	Swiss-Prot#: P42345NCBI Gene ID: 2475Gene Accssion: NP_004949
Uniprot	P42345
GeneID	2475;
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:25-1:100

## Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36991 at dilution 1/60.

## Background

The protein encoded by this gene belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the

FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene.

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Note: This product is for in vitro research use only