

mTOR Polyclonal Antibody

catalog number: **E-AB-63517**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

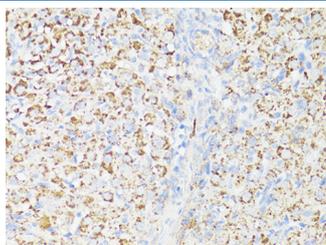
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human mTOR (NP_004949.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

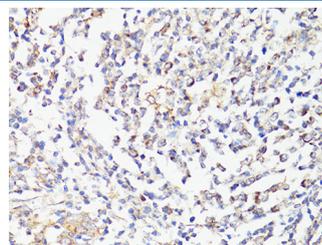
Recommended Dilution

IHC	1:50-1:200
IF	1:50-1:200

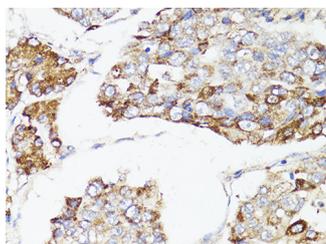
Data



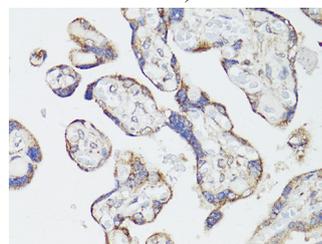
Immunohistochemistry of paraffin-embedded Rat ovary using mTOR Polyclonal Antibody at dilution of 1:150 (40x lens).



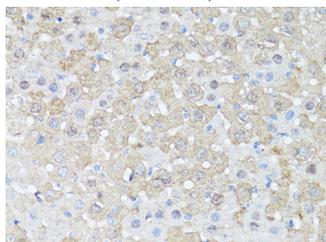
Immunohistochemistry of paraffin-embedded Human tonsil using mTOR Polyclonal Antibody at dilution of 1:150 (40x lens).



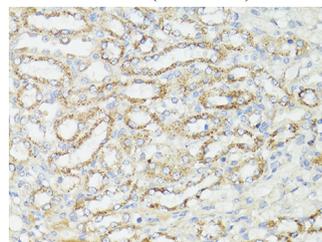
Immunohistochemistry of paraffin-embedded Human liver cancer using mTOR Polyclonal Antibody at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded Human placenta using mTOR Polyclonal Antibody at dilution of 1:150 (40x lens).

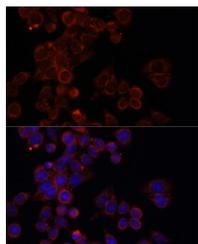


Immunohistochemistry of paraffin-embedded Mouse liver using mTOR Polyclonal Antibody at dilution of 1:150 (40x lens).

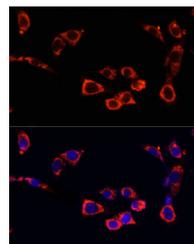


Immunohistochemistry of paraffin-embedded Mouse kidney using mTOR Polyclonal Antibody at dilution of 1:150 (40x lens).

For Research Use Only



Immunofluorescence analysis of HeLa cells using mTOR Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using mTOR Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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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