

mTOR Rabbit Polyclonal Antibody



CAB11354

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

300kDa

Calculated MW:

288kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

2475

Uniprot

P42345

Synonyms:

FRAP; FRAP1; FRAP2; RAFT1; RAPT1; SKS; mTOR; MTOR

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

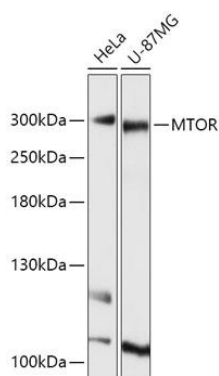
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 2388-2487 of human mTOR (NP_004949.1).

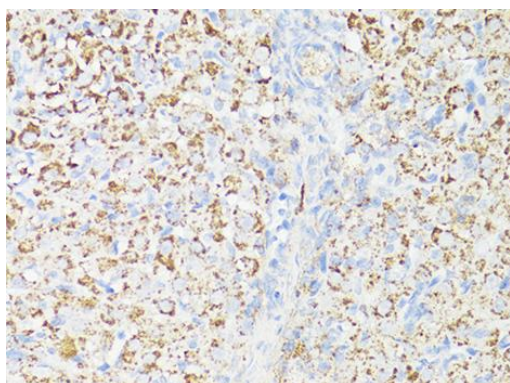
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

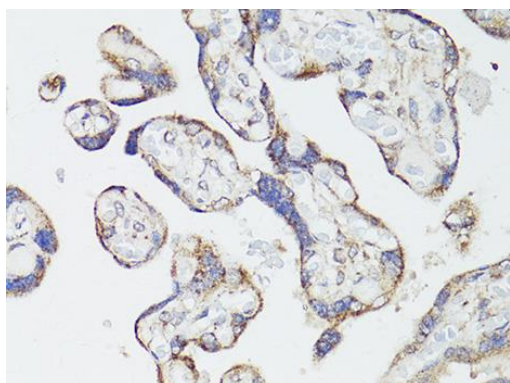
Product Images



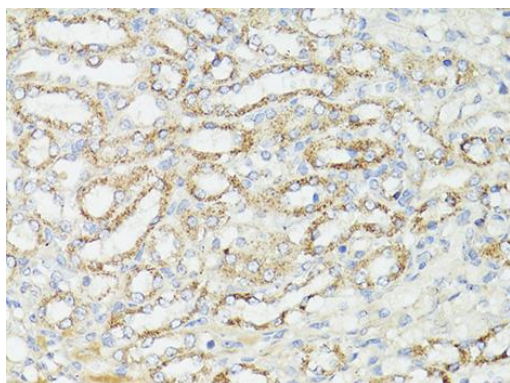
Western blot analysis of extracts of various cell lines, using mTOR antibody (CAB11354) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded rat ovary using mTOR antibody (CAB11354) at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded human placenta using mTOR antibody (CAB11354) at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using mTOR antibody (CAB11354) at dilution of 1:150 (40x lens).