mTOR   polyclonal antibody

Catalog:	BS79649	Host:	Rabbit	Reactivity:	Human, Mouse, Rat

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

289KDa

Swiss-Prot:

P42345

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
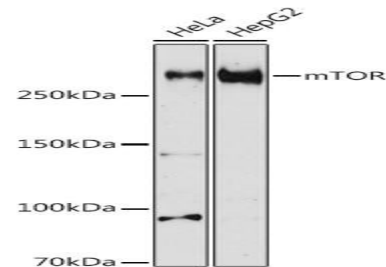
Applications:

WB,1:500 - 1:2000|IF/ICC,1:50 - 1:200

Storage&Stability:

Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.

Modification:

Unmodification

DATA:

Western blot analysis of extracts of various cell lines, using mTOR antibody   at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG   at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit .
Exposure time: 60s.
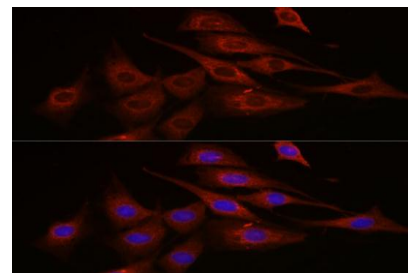
Immunofluorescence analysis of NIH-3T3 cells using mTOR Rabbit pAb   at dilution of 1:100 . Blue: DAPI for nuclear staining.
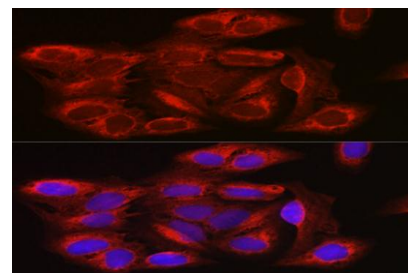
Immunofluorescence analysis of U-2 OS cells using mTOR Rabbit pAb at dilution of 1:100 . Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.