## mTOR antibody［C3］，C－term

Cat．No．GTX101557

| Host | Rabbit | Reference（27） |
| :--- | :--- | :--- |
| Clonality | Polyclonal | Review（5） |
| Isotype | IgG | Package |
| Application | WB，ICC／IF，IHC－P，IP，ChIP assay | $100 \mu \mathrm{HI}, 25 \mu \mathrm{l}$ |
| Reactivity | Human，Mouse，Rat |  |

## PRODUCT

mTOR antibody recognizes the mammalian target of rapamycin（mTOR），a member of the phosphatidylinositol 3 －kinase－

## Summary

 related kinase family of protein kinases．The mTOR protein consists of 2549 amino acids，and has a predicted molecular weight of 289 kDa ．mTOR is the core protein of two mTOR complexes（mTORC1 and mTORC2）that drive pathways controlling various fundamental cellular functions，including cell metabolism，growth，migration，and cell death．
## APPLICATION

## Application Note

＊Optimal dilutions／concentrations should be determined by the researcher．


## Purification

## Conjugation

Note

Purified by antigen-affinity chromatography.
Unconjugated
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES



## GTX101557 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts ( $30 \mu \mathrm{~g}$ ) were separated by 5\% SDS-PAGE, and the membrane was blotted with mTOR antibody [C3], C-term (GTX101557) diluted at 1:500. The HRPconjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


## GTX101557 IHC-P Image

mTOR antibody [C3], C-term detects mTOR protein at mitochondria on mouse stomach by immunohistochemical analysis.
Sample: Paraffin-embedded mouse stomach.
mTOR antibody [C3], C-term (GTX101557) diluted at 1:500.

Antigen Retrieval: Trilogy ${ }^{\text {TM }}$ (EDTA based, pH 8.0 ) buffer, 15 min

## GTX101557 IP Image

mTOR antibody immunoprecipitates mTOR protein in IP experiments. IP Sample: 293T whole cell lysate/extract A : Control with $3 \mu \mathrm{~g}$ of pre-immune rabbit IgG B : Immunoprecipitation of mTOR by $3 \mu \mathrm{~g}$ of mTOR antibody (GTX101557) 5\% SDS-PAGE The immunoprecipitated mTOR protein was detected by mTOR antibody (GTX101557) diluted at 1:1000. EasyBlot anti-rabbit IgG (HRP) (GTX221666-01) was used as a secondary reagent.

