

Phospho-mTOR (Ser2448) polyclonal antibody

Catalog: BZ16743

Host: Rabbit

Reactivity: Human, Mouse, Pig

BackGround:

An atypical kinase belonging to the PIKK family of kinases. Controls cell growth through protein synthesis regulation. Downstream of PI3K/Akt pathway and required for cell survival. Acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex.

Product:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Molecular Weight:

Calculated MW: 289 kDa; Observed MW: 289 kDa

Swiss-Prot:

P42345

Purification&Purity:

Affinity Purified

Applications:

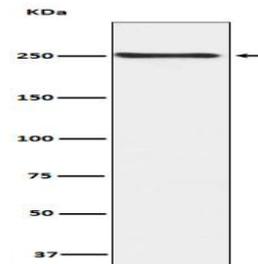
WB: 1/500-1/1000 IHC: 1/50-1/100

Storage&Stability:

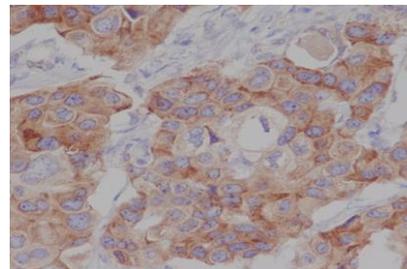
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Phospho-mTOR in HEK293 lysates using Phospho-mTOR antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Phospho-mTOR antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note:

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

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