

Phospho-4E BP1 (Thr70) polyclonal antibody

Catalog: BZ16310

Host: Rabbit

Reactivity: Human

BackGround:

Translation repressor protein 4E-BP1 (also known as PHAS-1) inhibits cap-dependent translation by binding to the translation initiation factor eIF4E. Hyperphosphorylation of 4E-BP1 disrupts this interaction and results in activation of cap-dependent translation. Both the PI3 kinase/Akt pathway and FRAP/mTOR kinase regulate 4E-BP1 activity.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

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Swiss-Prot:

Q13541

Purification&Purity:

Affinity Purified

Applications:

IHC: 1/50-1/100

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

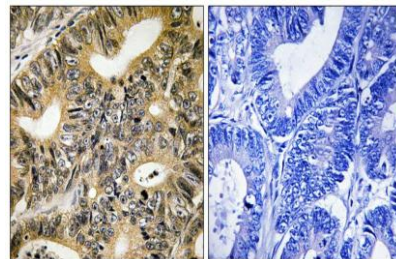
term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Phospho-4E BP1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.

**Note:**

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

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