

HIF1 alpha polyclonal antibody

Catalog: BZ16362

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Hypoxia-inducible factor-1 (HIF1) is a transcription factor found in mammalian cells cultured under reduced oxygen tension that plays an essential role in cellular and systemic homeostatic responses to hypoxia. HIF1 is a heterodimer composed of an alpha subunit and a beta subunit. The beta subunit has been identified as the aryl hydrocarbon receptor nuclear translocator (ARNT). This gene encodes the alpha subunit of HIF-1.

Product:

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

Molecular Weight:

Calculated MW: 93 kDa; Observed MW: 92-130 kDa

Swiss-Prot:

Q16665

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
ELISA: 1/10000

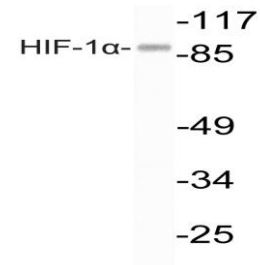
Storage&Stability:

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

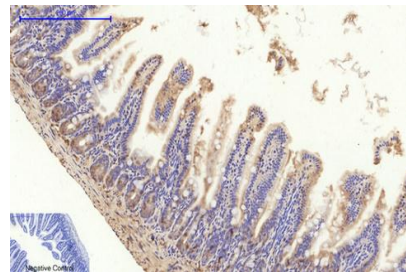
Isotype:

IgG

DATA:



Western blot analysis of HIF1 alpha in LOVO lysates using HIF1 alpha antibody.



Immunohistochemistry analysis of paraffin-embedded mouse colon tissue using HIF1 alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Immunohistochemistry analysis of paraffin-embedded rat lung tissue using HIF1 alpha 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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