

HIF-1 beta Rabbit mAb

Catalog No: #58851

Package Size: #58851-1 50ul #58851-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

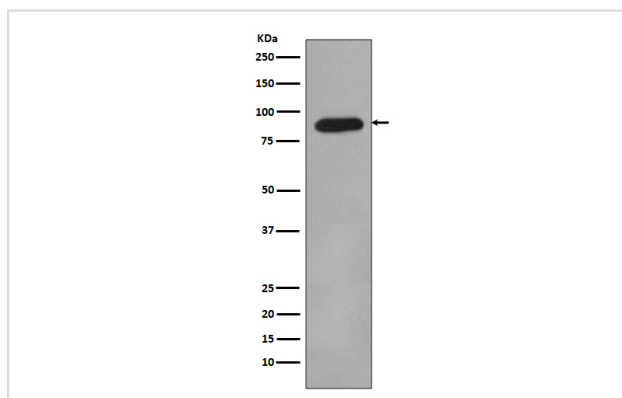
Description

Product Name	HIF-1 beta Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human
Specificity	HIF-1 beta Antibody detects endogenous levels of total HIF-1 beta
Immunogen Description	A synthesized peptide derived from human HIF-1 beta
Other Names	ARNT;HIF-1beta;HIF1B;HIF1BETA;TANGO;bHLHe2;
Accession No.	Uniprot:P27540
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Calculated MW	87kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

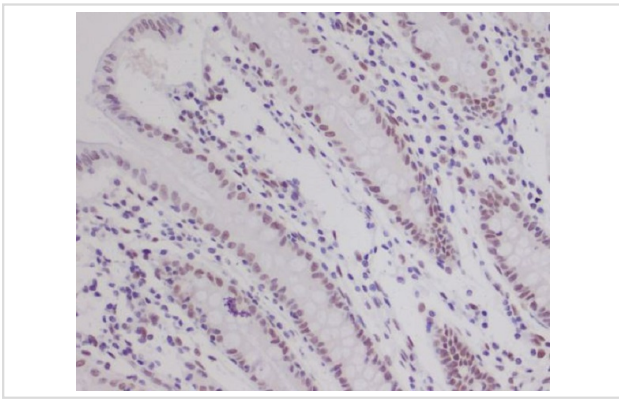
Application Details

WB 1:500~1:2000 IHC 1:500~1:2000

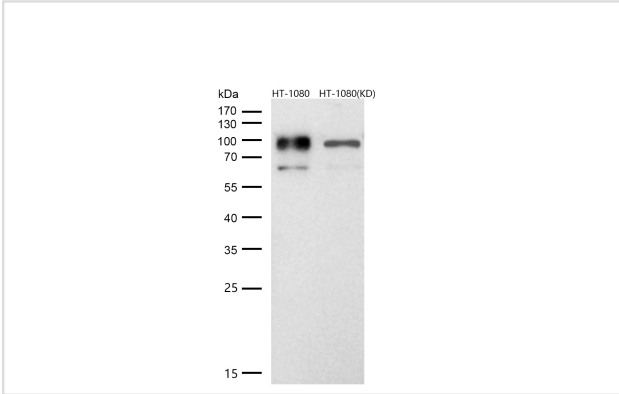
Images



Western blot analysis of HIF-1 beta expression in Human fetal kidney lysate.



Immunohistochemical analysis of paraffin-embedded human colon, using HIF-1 beta Antibody .



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Product Description

HIF-1 β is also known as AhR nuclear translocator (ARNT) due to its ability to partner with the aryl hydrocarbon receptor (AhR) to form a heterodimeric transcription factor complex. Together with AhR, HIF-1 β plays an important role in xenobiotics metabolism. In addition, a chromosomal translocation leading to a TEL-ARNT fusion protein is associated with acute myeloblastic leukemia. Studies also found that ARNT/HIF-1 β expression levels decrease significantly in pancreatic islets from patients with type 2 diabetes, suggesting that HIF-1 β plays an important role in pancreatic β -cell function.

Background

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Note: This product is for in vitro research use only