

Id1 Rabbit mAb

Catalog No: #58575

Package Size: #58575-1 50ul #58575-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

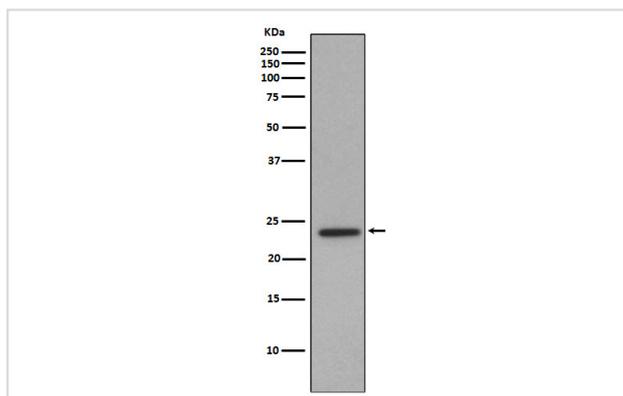
Description

Product Name	Id1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human Mouse Rat
Specificity	Id1 Antibody detects endogenous levels of total Id1
Immunogen Description	A synthesized peptide derived from human Id1
Other Names	DNA-binding protein inhibitor ID-1; Class B basic helix-loop-helix protein 24; bHLHb24; Inhibitor of DNA binding 1; ID1; BHLHB24; ID
Accession No.	Uniprot:P41134
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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.

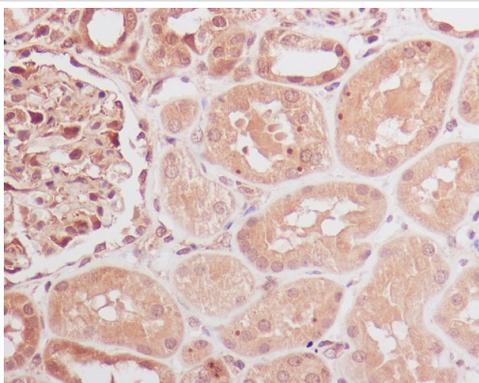
Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50

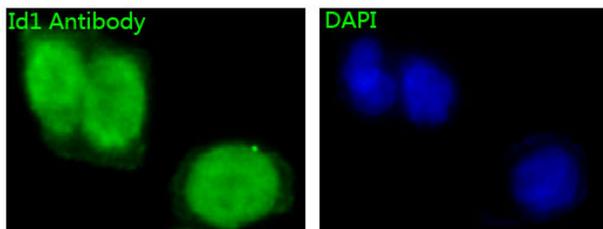
Images



Western blot analysis of Id1 in HepG2 cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using Id1 Antibody.



Immunofluorescent analysis of HeLa cells, using Id1 Antibody .

Product Description

Transcriptional regulator (lacking a basic DNA binding domain) which negatively regulates the basic helix-loop-helix (bHLH) transcription factors by forming heterodimers and inhibiting their DNA binding and transcriptional activity. Implicated in regulating a variety of cellular processes, including cellular growth, senescence, differentiation, apoptosis, angiogenesis, and neoplastic transformation. Inhibits skeletal muscle and cardiac myocyte differentiation. Regulates the circadian clock by repressing the transcriptional activator activity of the CLOCK-ARNTL/BMAL1 heterodimer.

Background

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Note: This product is for in vitro research use only