

Product Name: HIF1AN Rabbit Monoclonal Antibody
Catalog #: AMRe03026



Summary

Production Name	HIF1AN Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	HIF1AN
Alternative Names	FIH 1; FIH1; HIF1AN
Gene ID	55662
SwissProt ID	Q9NWT6.

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 40 kDa; Observed MW: 40 kDa

Background

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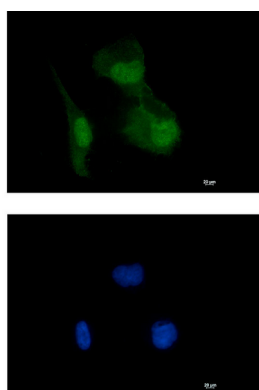


Hydroxylates HIF-1 alpha at 'Asp-803' in the C-terminal transactivation domain (CAD). Functions as an oxygen sensor and, under normoxic conditions, the hydroxylation prevents interaction of HIF-1 with transcriptional coactivators including Cbp/p300-interacting transactivator.

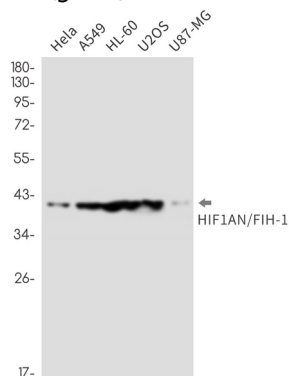
Research Area

Epigenetics and Nuclear Signaling

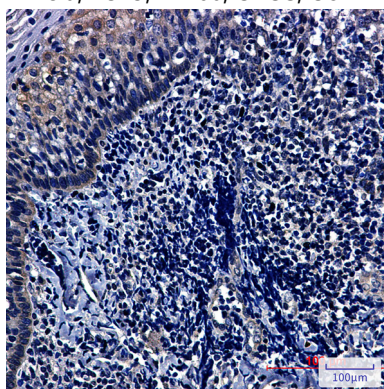
Image Data



Immunocytochemistry analysis of HIF1AN (green) in HT-1080 using HIF1AN antibody, and DAPI (blue).



Western blot analysis of HIF1AN/FIH1 in HeLa, A549, HL-60, U2OS, U87-MG lysates using HIF1AN/FIH1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using HIF1AN/FIH1 antibody. High-pressure and

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temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.