

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HIF1AN RABBIT MAB

Cat.#: N263362

Product Name: Anti-HIFIAN Rabbit Monoclonal Antibody

Synonyms: FIH 1; FIH1; HIF1AN

UNIPROT ID: Q9NWT6

Background: 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.

Immunogen: A synthetic peptide of human HIF1AN/FIH-1

Applications: WB,IHC-F,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-2B3

MW: Calculated MW: 40 kDa; Observed MW: 40 kDa

Isotype: IgG

Purification: Affinity Purified Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

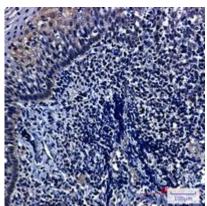
glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Hypoxia Signal Transductionyyyyy Hypoxia-Inhibition **Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

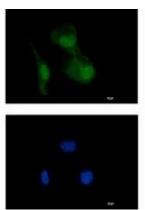


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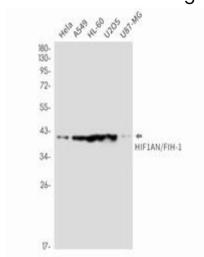
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Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using HIF1AN/FIH1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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.