

Product Datasheet

HIF1AN Antibody



Catalog No: CY8421

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC

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Information

UniProt ID: Q9NWT6

All Names: FIH 1; FIH1; HIF1AN;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 40kDa

Application

WB 1:500~1:2000

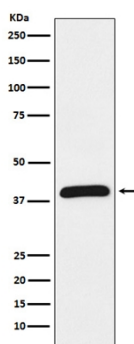
IHC 1:50~1:200

ICC/IF 1:50~1:200

FC 1:80

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.



Western blot analysis of HIF1AN expression in Jurkat cell lysate.

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