

HIF1AN/FIH1 Rabbit pAb

货号: **B11852**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus , fenugreek , Homo sapiens
应用	WB IF/ICC IP
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200 IP: 1:50 - 1:200
理论分子量	40kDa
实测分子量	40kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,K-562,U-937,293T,Mouse heart,Mouse skeletal muscle
细胞定位	Cytoplasm,Nucleus,perinuclear region
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-349 of human HIF1AN /FIH1 (NP_060372.2).
序列	MAATAAEAVASGSGEPREEAGALGPAWDESQLRSYSFPTRPIPRLSQSDPRAEELIENEERPVVLTDTNLVYPALKWDLEYL QENIGNGDFSVSASTHKFLYYDEKKMANFQNFKPRSNREEMKFHEFVEKLQDIQQRGGEERLYLQQTLNDTVGRKIVM DFLGFNWNWINKQQGKRGWGQLTSNLLLLIGMEGNVTPAHYDEQQNFFAQIKGYKRCILFPPDQFECLYPYPVHHPCDRQ SQVDFDNPDYERFPNFNQNVVGYETVVGPGDVL YIPMYWWHHIESLLNGGITITVNFWYKGAPTPKRIEYPLKAHQKVAIMR NIEKMLGEALGNPQEVGPLLNTMIKGRYN

靶点信息

研究背景	Hydroxylates HIF-1 alpha at 'Asn-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. Involved in transcriptional repression through interaction with HIF1A, VHL and histone deacetylases. Hydroxylates specific Asn residues within ankyrin repeat domains (ARD of NFKB1, NFKBIA, NOTCH1, ASB4, PPP1R12A and several other ARD-containing proteins. Also hydroxylates Asp and His residues within ARDs of ANK1 and TNKS2, respectively. Negatively regulates NOTCH1 activity, accelerating myogenic differentiation. Positively regulates ASB4 activity, promoting vascular differentiation.
基因ID	55662
基因名	HIF1AN
Swiss	Q9NWT6
别名	HIF1AN;FIH1

产品验证

实验步骤

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