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## anti-HIF1AN antibody

**Images** 



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Quantity:	100 μL
Target:	HIF1AN
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIF1AN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP), Immunochromatography (IC)

Product Details	
Immunogen:	Recombinant full length protein of human FIH-1
Specificity:	Recognizes endogenous levels of FIH-1 protein.
Characteristics:	Rabbit polyclonal antibody to FIH-1
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
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Target:	HIF1AN
Alternative Name:	FIH-1 (HIF1AN Products)
Background:	FIH1, Hypoxia-inducible factor 1-alpha inhibitor, Factor inhibiting HIF-1, FIH-1, Hypoxia-inducible factor asparagine hydroxylase

#### **Target Details**

Gene ID:	55662, 319594
UniProt:	Q9NWT6, Q8BLR9
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development
A 1: 1: D 1:1	

### **Application Details**

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200), IP (1:50 - 1:200), ChIP (1:20 - 1:100)
Restrictions:	For Research Use only

#### Handling

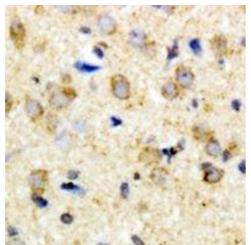
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

#### **Images**



## Immunofluorescence

**Image 1.** Immunofluorescent analysis of FIH-1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



# kDa A B C 200 140 100 80 60 50 40 30

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#### **Immunohistochemistry**

**Image 2.** Immunohistochemical analysis of FIH-1 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the ant

#### **Western Blotting**

**Image 3.** Western blot analysis of FIH-1 expression in MCF7 (A), K562 (B), mouse heart (C) whole cell lysates.