

# HIF1AN/FIH1 Rabbit pAb

Catalog No.: A21823

## Basic Information

### Observed MW

40kDa

### Calculated MW

41kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

Enables several functions, including 2-oxoglutarate-dependent dioxygenase activity; NF-kappaB binding activity; and transition metal ion binding activity. Involved in several processes, including negative regulation of Notch signaling pathway; negative regulation of transcription from RNA polymerase II promoter in response to hypoxia; and protein hydroxylation. Located in cytosol; nucleoplasm; and perinuclear region of cytoplasm. Colocalizes with nucleus.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

55662

### Swiss Prot

Q9NWT6

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-349 of human HIF1AN/FIH1 (NP\_060372.2).

### Synonyms

FIH1; HIF1AN/FIH1

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

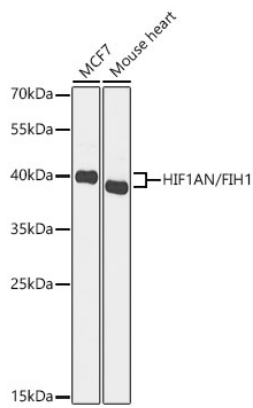
Affinity purification

### Storage

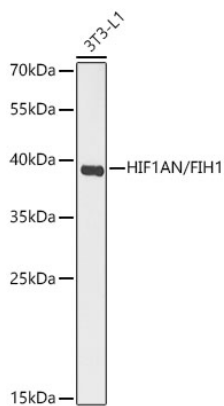
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates using HIF1AN/FIH1 Rabbit pAb (A21823) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates / proteins: 25 µg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Western blot analysis of lysates from 3T3-L1 cells using HIF1AN/FIH1 Rabbit pAb(A21823) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.