

# HIF3A Rabbit pAb

Catalog No.: A20020

## Basic Information

### Observed MW

85kDa

### Calculated MW

72kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is the alpha-3 subunit of one of several alpha/beta-subunit heterodimeric transcription factors that regulate many adaptive responses to low oxygen tension (hypoxia). The alpha-3 subunit lacks the transactivation domain found in factors containing either the alpha-1 or alpha-2 subunits. It is thought that factors containing the alpha-3 subunit are negative regulators of hypoxia-inducible gene expression. Multiple alternatively spliced transcript variants have been found for this gene.

## Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

64344

### Swiss Prot

Q9Y2N7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-130 of human HIF3A (NP\_690008.2).

### Synonyms

IPAS; MOP7; PASD7; HIF-3A; bHLHe17; HIF3-alpha-1; HIF3A

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

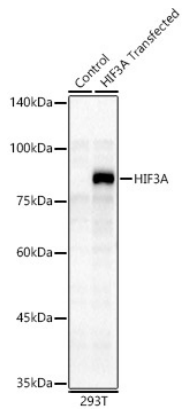
### Storage

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

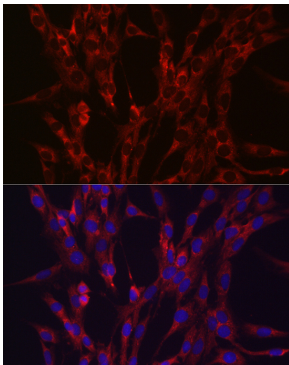
Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of 293F-HIF3A-FlagN, using HIF3A Rabbit pAb (A20020) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunofluorescence analysis of C6 cells using HIF3A Rabbit pAb (A20020) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.