

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	Swiss Prot
64344	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

 | www.abclonal.com

Product Information

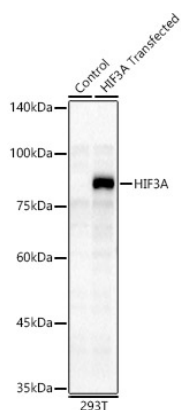
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

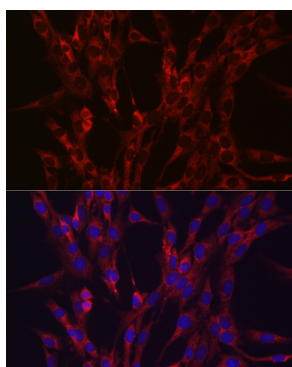
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



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) (A5014) 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.