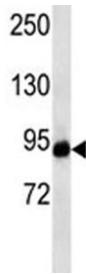


## HIF1A Antibody [clone 288CT11.7.1] (F53560)

Catalog No.	Formulation	Size
F53560-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, k
Clone Name	288CT11.7.1
Purity	Ascites
UniProt	Q16665
Localization	Nuclear, possible cytoplasmic
Applications	Western Blot : 1:100-1:1000
Limitations	This HIF1A antibody is available for research use only.



HIF1A antibody western blot analysis in U251 lysate. Routinely observed molecular weight: 100~120 kDa.

### Description

Hypoxia-inducible factor-1 (HIF1) is a transcription factor found in mammalian cells cultured under reduced oxygen tension that plays an essential role in cellular and systemic homeostatic responses to hypoxia. HIF1 is a heterodimer composed of an alpha subunit and a beta subunit. The beta subunit has been identified as the aryl hydrocarbon receptor nuclear translocator (ARNT). This gene encodes the alpha subunit of HIF-1. Overexpression of a natural antisense transcript (ahIF) of this gene has been shown to be associated with nonpapillary renal carcinomas. Two alternative

transcripts encoding different isoforms have been identified.

## Application Notes

Titration of the HIF1A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This HIF1A antibody was produced from mouse immunized with HIF1A recombinant protein.

## Storage

Aliquot the HIF1A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.