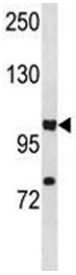
HIF1A Antibody (F47799)

Catalog No.	Formulation	Size
F47799-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47799-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q16665
Localization	Nuclear, possible cytoplasmic
Applications	Western blot: 1:1000
Limitations	This HIF1A antibody is available for research use only.



HIF1A antibody western blot analysis in A549 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.

For additional information on hypoxia-inducible factor 1 alpha and complementary antibody validation, visit our HIF1A Antibody / HIF-1 alpha 31H88 page.

Application Notes

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

Immunogen

A portion of amino acids 735-762 from the human protein was used as the immunogen for this HIF1A antibody.

Storage

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

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