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anti-HIF3A antibody (AA 516-669)

Images



Overview

Quantity:	100 μg
Target:	HIF3A
Binding Specificity:	AA 516-669
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIF3A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Hypoxia-inducible factor 3-alpha protein (516-669AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	HIF3A
Alternative Name:	HIF3A (HIF3A Products)
Background:	Background: Acts as a transcriptional regulator in adaptive response to low oxygen tension. Acts as a regulator of hypoxia-inducible gene expression (PubMed:11573933,

PubMed:16126907, PubMed:19694616, PubMed:20416395, PubMed:21069422). Functions as an inhibitor of angiogenesis in hypoxic cells of the cornea. Plays a role in the development of the cardiorespiratory system. May also be involved in apoptosis (By similarity).

Aliases: Basic-helix-loop-helix-PAS protein MOP7 antibody, bHLHe17 antibody, Class E basic helix-loop-helix protein 17 antibody, HIF 3A antibody, HIF 3A4 antibody, HIF-3-alpha antibody, HIF3 alpha antibody, HIF3-alpha-1 antibody, HIF3A antibody, HIF3A_HUMAN antibody, Hypoxia Inducible Factor 3 alpha antibody, Hypoxia inducible factor 3 alpha subunit antibody, Hypoxia inducible factor three alpha antibody, Hypoxia-inducible factor 3-alpha antibody, Inhibitory PAS domain protein antibody, IPAS antibody, Member of PAS protein 7 antibody, MOP7 antibody, PAS domain-containing protein 7 antibody, PASD7 antibody

UniProt:

Q9Y2N7

Pathways:

Warburg Effect

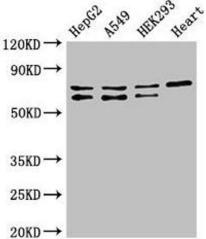
Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000,

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



20KD→

Western Blotting

Image 1. Western Blot Positive WB detected in: HepG2 whole cell lysate, A549 whole cell lysate, HEK293 whole cell lysate, Mouse heart tissue All lanes: HIF3A antibody at 2.5 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 73, 69, 40, 67, 63, 65 kDa Observed band size: 73, 69 kDa

Immunohistochemistry

Image 2. IHC image of ABIN7156033 diluted at 1:500 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.