

Datasheet for ABIN7426046
anti-HIF1A antibody (AA 218-506)

4 Images

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Overview

Quantity:	100 µL
Target:	HIF1A
Binding Specificity:	AA 218-506
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HIF1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Hypoxia Inducible Factor 1 Alpha (HIF1a)
Immunogen:	Recombinant Hypoxia Inducible Factor 1 Alpha (HIF1a) corresponding to Thr218~Thr506 with N-terminal His Tag
Clone:	D9
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against HIF1a. It has been selected for its ability to recognize HIF1a in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

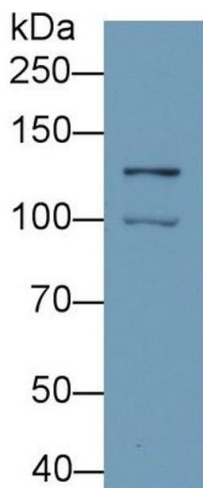
Target:	HIF1A
Alternative Name:	Hypoxia Inducible Factor 1 Alpha (HIF1A Products)
Background:	HIF1-A, MOP1, PASD8, Basic Helix-Loop-Helix Transcription Factor, ARNT-interacting protein, Basic-helix-loop-helix-PAS protein MOP1, Class E basic helix-loop-helix protein 78
Pathways:	Positive Regulation of Peptide Hormone Secretion , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Cellular Response to Molecule of Bacterial Origin , Carbohydrate Homeostasis , Transition Metal Ion Homeostasis , Tube Formation , Regulation of Carbohydrate Metabolic Process , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGFR1 Specific Signals , Warburg Effect

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

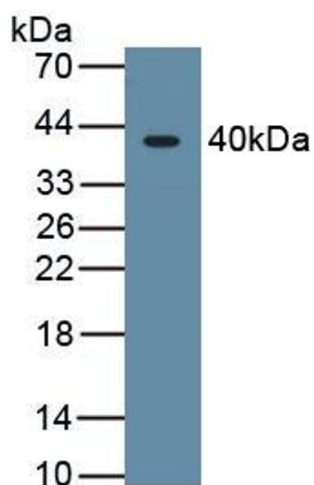
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



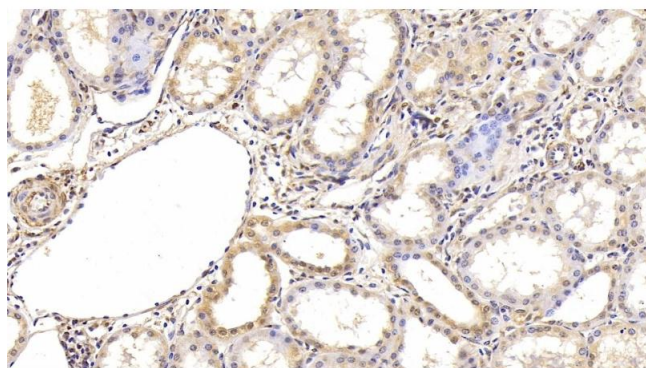
Western Blotting

Image 1. Detection of HIF1a in HeLa cell lysate using Monoclonal Antibody to Hypoxia Inducible Factor 1 Alpha (HIF1a)



Western Blotting

Image 2. Detection of Recombinant HIF1a, Human using Monoclonal Antibody to Hypoxia Inducible Factor 1 Alpha (HIF1a)



Immunohistochemistry

Image 3. Detection of HIF1a in Human Kidney Tissue using Monoclonal Antibody to Hypoxia Inducible Factor 1 Alpha (HIF1a)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7426046.