

Datasheet for ABIN2852421
anti-HIF1A antibody (AA 432-528)



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5 Images

Overview

Quantity:	100 µL
Target:	HIF1A
Binding Specificity:	AA 432-528
Reactivity:	Human, Mouse, Rat, Rabbit, Monkey, Sheep
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HIF1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS), Chromatin Immunoprecipitation (ChIP), Gel Shift (GS)

Product Details

Immunogen:	Fusion protein containing amino acids 432-528 of human HIF-1 alpha
Clone:	H1alpha67
Isotype:	IgG2b
Specificity:	Reacts with human HIF-1 alpha
Cross-Reactivity:	Mouse (Murine), Cow (Bovine), Rabbit, Sheep (Ovine)
Cross-Reactivity (Details):	Cross reacts with proteins from monkey, sheep, mouse, rat, rabbit, pig, bovine and ferret.
Purification:	Purified (protein A)

Target Details

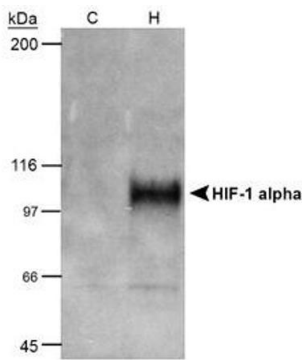
Target:	HIF1A
Alternative Name:	Hypoxia-inducible factor 1-alpha (HIF1A Products)
Background:	HIF-1 is a nuclear protein involved in mammalian oxygen homeostasis. This occurs as a posttranslational modification by prolyl hydroxylation. HIF-1 alpha is involved in B-1 B cell homeostasis, Notch signaling pathway and many other biological processes.
Gene ID:	3091
UniProt:	Q16665
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:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only : ChIP(1:10 - 1:500) GS(1:1 - 1:100) ICC/IF(1:50) IHC(1:20 - 1:50) IP(1:10 - 1:500) WB: (1:500)
Restrictions:	For Research Use only

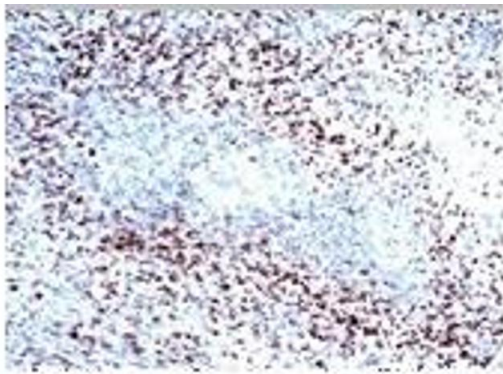
Handling

Format:	Liquid
Concentration:	1.5 mg/mL
Buffer:	Tris-glycine, 150 mM NaCl, Sodium azide 0.05 %
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
Storage Comment:	Store at 4°C. Do not freeze.



Western analysis of 50 µg cobalt chloride induced COS-7 nuclear extracts using mab50046

Image 1.



Immunohistochemical staining of human glioblastoma multiforme using mab50046

Image 2.

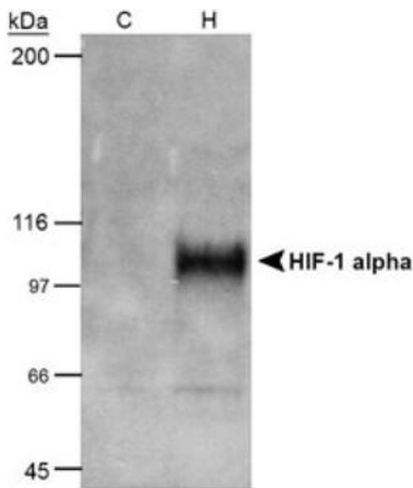


Image 3.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2852421.