

Nur für Forschungszwecke

HIF-1 alpha Polyklonaler Antikörper

Katalog-Nr.: CR-20960

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.:

CR-20960

Größe:

100ul, Konzentration: 1000 µg/ml von 3091

Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG15198

GenBank-Zugangsnummer:

BC012527

GeneID (NCBI):

1000

Vollständiger Name:

hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)

Berechnete Masse:

826 aa, 93 kDa

Beobachtete Masse:

120 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Anregungs-/Emissionsmaxima-Wellenlängen:

592 nm / 611 nm

Anwendungen

Geprüfte Anwendungen:

FC (Intra)

Getestete Reaktivität:

Human

Hintergrundinformationen

HIF1a, the major regulator of the cellular responses to hypoxia, consists of an oxygen-sensitive subunit, HIF1 alpha (HIF1A), and an oxygen-insensitive subunit, HIF1 beta (arylhydrocarbon receptor nuclear transporter [ARNT]). Under normal oxygen conditions, HIF1a is continuously produced and destroyed, in a process involving hydroxylation, interaction with von Hippel-Lindau (VHL) protein, polyubiquitylation and subsequent proteasomal degradation. Under hypoxic conditions, hydroxylation is impaired and HIF1a is stabilized. HIF1a localizes in cytoplasm in normoxia, but it can translocate into nuclear in response to hypoxia. The calculated molecular weight of HIF1a is 93 kDa, but the modified protein HIF1a is about 110-120kDa (PMID: 11698256, .PMID: 7539918).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

Lagerungspuffer:

BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

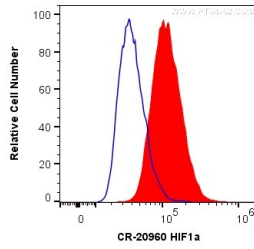
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Cardinal Red™ Anti-Human HIF1a (CR-20960) (red), or 0.2 ug Control Antibody (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).