

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HIF-1 alpha



Numéro de catalogue: **CR-20960** **Phare**

Informations de base

Numéro de catalogue: CR-20960	Numéro d'acquisition GenBank: BC012527	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 3091	Excitation/Emission maxima wavelengths: 592 nm / 611 nm
Hôte: Lapin	Nom complet: hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	
Isotype: IgG	MW calculé 826 aa, 93 kDa	
Immunogen Catalog Number: AG15198	MW observés: 120 kDa	

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain

Informations générales

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, HIF 1a 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) .

Stockage

Stockage:
Stocker à -20°C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.

L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

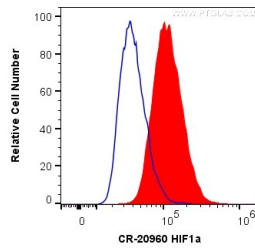
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



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).