

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HIF2 α /EPAS1



Numéro de catalogue: 26422-1-AP

8 Publications

Informations de base

Numéro de catalogue: 26422-1-AP	Numéro d'acquisition GenBank: BC051338	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 700 µg/ml by Nanodrop;	Identification du gène (NCBI): 2034	Dilutions recommandées: WB 1:500-1:3000
Hôte: Lapin	Nom complet: endothelial PAS domain protein 1	
Isotype: IgG	MW calculé: 96 kDa	
Immunogen Catalog Number: AG24886	MW observés: 100-120 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules HeLa traitées au chlorure de cobalt,
Demandes citées: CoIP, IF, IHC, WB	
Spécificité de l'espèce: Humain	
Espèces citées: Humain, souris	

Informations générales

HIF2A, also named as EPAS1, is a 870 amino acid protein, which is expressed in most tissues, with highest levels in placenta, lung and heart. HIF2A colocalizes with HIF3A in the nucleus and speckles. HIF2A as a transcription factor involves in the induction of oxygen regulated genes. HIF2A binds to core DNA sequence 5'-[AG]CGTG-3' within the hypoxia response element (HRE) of target gene promoters. HIF2A regulates the vascular endothelial growth factor (VEGF) expression and seems to be implicated in the development of blood vessels and the tubular system of lung. HIF2A may also play a role in the formation of the endothelium that gives rise to the blood brain barrier. The calculated molecular weight of HIF2A is 96 kDa, but in normoxia, HIF2A is probably hydroxylated on Pro-405 and Pro-531 by EGLN1/PHD1, EGLN2/PHD2 and/or EGLN3/PHD3. The hydroxylated prolines promote interaction with VHL, initiating rapid ubiquitination and subsequent proteasomal degradation. Under hypoxia, proline hydroxylation is impaired and ubiquitination is attenuated, resulting in stabilization. The modified Hif2A is about 100-120 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Hsing-Hua Chao	36127332	Cell Death Dis	WB
Zhichuan Zhu	36445063	Adv Sci (Weinh)	WB
Xiao-Peng Tian	31037150	Theranostics	WB,IF

Stockage

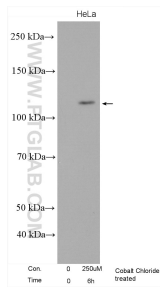
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** 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



Cobalt Chloride treated HeLa cells were subjected to SDS PAGE followed by western blot with 26422-1-AP (EPAS1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.