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Datasheet for ABIN6141764
anti-EPAS1 antibody (AA 588-870)

4 Images

Overview

Quantity:	100 µL
Target:	EPAS1
Binding Specificity:	AA 588-870
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPAS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 588-870 of human EPAS1/HIF2alpha (NP_001421.2).
Sequence:	FQQQLESKKT EPEHRPMSI FFDAGSKASL PPCCGQASTP LSSMGGRSNT QWPPDPPLHF GPTKWAVGDQ RTEFLGAAPL GPPVSPPHVS TFKTRSAKGF GARGPDVLSP AMVALSNKLL LKRQLEYEEQ AFQDLSGGDP PGGSTSHLMW KRMKNLRGGS CPLMPDKPLS ANVPNDKFTQ NPMRGLGHPL RHLPLPQPPS AISPGENSKS RFPPQCYATQ YQDYSLSSAH KVSGMASRLL GPSFESYLLP ELTRYDCEVN VPVLGSSTLL QGGDLLRALD QAT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

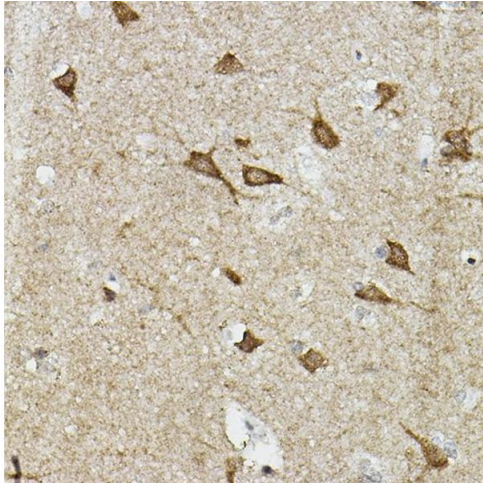
Target:	EPAS1
Alternative Name:	EPAS1 (EPAS1 Products)
Background:	<p>This gene encodes a transcription factor involved in the induction of genes regulated by oxygen, which is induced as oxygen levels fall. The encoded protein contains a basic-helix-loop-helix domain protein dimerization domain as well as a domain found in proteins in signal transduction pathways which respond to oxygen levels. Mutations in this gene are associated with erythrocytosis familial type</p> <p>4.,EPAS1,ECYT4,HIF2A,HLF,MOP2,PASD2,bHLHe73,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,Invasion and Metastasis,Endocrine & Metabolism,Nucleotide metabolism,Molecular processes,Cardiovascular,Angiogenesis,Hypoxia,HIF,EPAS1</p>
Molecular Weight:	96 kDa
Gene ID:	2034
UniProt:	Q99814
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2 , Warburg Effect

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:100
Restrictions:	For Research Use only

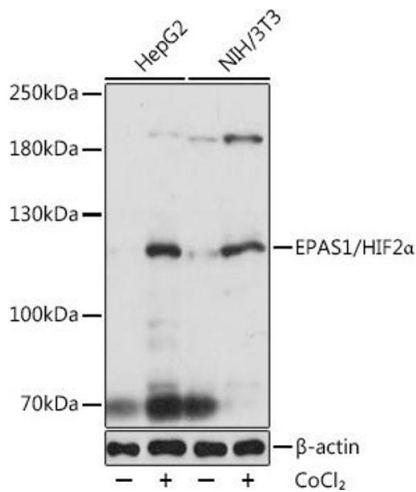
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



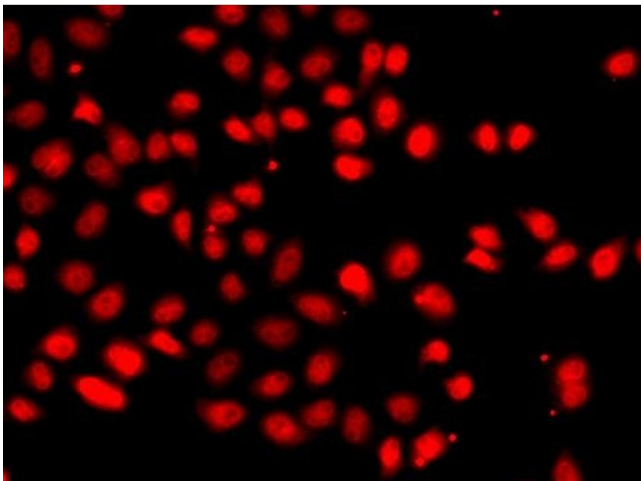
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human brain using EP/HIF2 α Rabbit pAb (ABIN6127869, ABIN6141764, ABIN6141765 and ABIN6223457) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using EP/HIF2 α antibody (ABIN6127869, ABIN6141764, ABIN6141765 and ABIN6223457) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence

Image 3. Immunofluorescence analysis of cells using EP/HIF2 α antibody (ABIN6127869, ABIN6141764, ABIN6141765 and ABIN6223457).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6141764.