

HIF2A Antibody

Catalog No: #21690

Package Size: #21690-1 50ul #21690-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

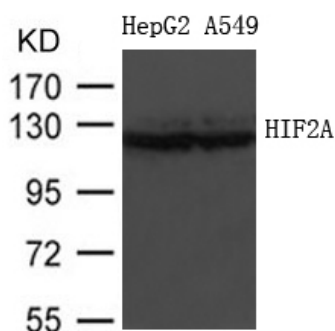
Product Name	HIF2A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total HIF2A protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.547-551(P-E-E-R-L) derived from HumanHIF2A.
Target Name	HIF2A
Other Names	HLF; MOP2; ECT4; HIF2A; PASD2
Accession No.	Swiss-Prot: Q99814; NCBI Gene ID: 2034; NCBI mRNA: NM_001430.4; NCBI Protein: NP_001421.2
Uniprot	Q99814
GeneID	2034;
SDS-PAGE MW	120kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Predicted MW: 120kd

Western blotting : 1:500~1:1000

Images



Western blot analysis of extracts from HepG2 and A549 cells using HIF2A Antibody #21690.

Background

Transcription factor involved in the induction of oxygen regulated genes. Binds to core DNA sequence 5'-[AG]CGTG-3' within the hypoxia response element (HRE) of target gene promoters. 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. May also play a role in the formation of the endothelium that gives rise to the blood brain barrier. Potent activator of the Tie-2 tyrosine kinase expression. Activation seems to require recruitment of transcriptional coactivators such as CREBPB and probably EP300. Interaction with redox regulatory protein APEX seems to activate CTAD.

Note: This product is for in vitro research use only