

35-1858: Polyclonal Antibody to HIF2A

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	EPAS1
Gene ID :	2034
Uniprot ID :	Q99814
Format :	Purified
Alternative Name :	HLF, MOP2, ECT4, HIF2A, PASD2
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.547-551(P-E-E-R-L) derived from HumanHIF2A.

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	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 condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blotting: 1:500~1:1000

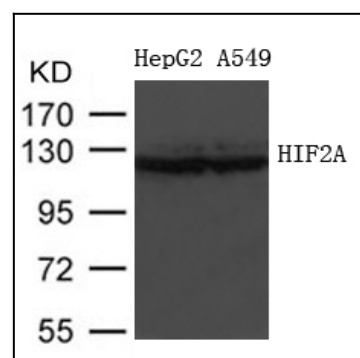


Figure 1: Western blot analysis of extracts from HepG2 and A549 cells using HIF2A Antibody 35-1858 .