

## Product Datasheet

### Anti-HIF2α/EPAS1 Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WLA0534

#### Product Information

Product name	Anti-HIF2α/EPAS1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:50-1:200
Cellular localization	Nucleus.	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

#### General Information

Background	Hif2α, also known as EPAS1, is a transcription factor that participates in the induction of oxygen regulated genes and is induced with the decline of oxygen levels. Hif2α regulates the expression of vascular endothelial growth factor (VEGF), which may be involved in the development of vascular and pulmonary tubular system. Hif2α may also play a role in the formation of endothelial cells, resulting in the formation of blood-brain barrier. It is an effective activator of Tie-2 tyrosine kinase expression. Activation requires recruitment of transcriptional coactivators, such as crebbp and possibly ep300. Interaction with the redox regulator APEX1 seems to activate ctad.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HIF2α/EPAS1.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

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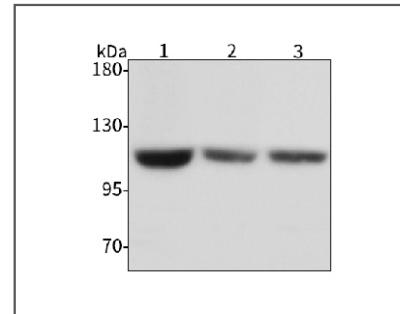
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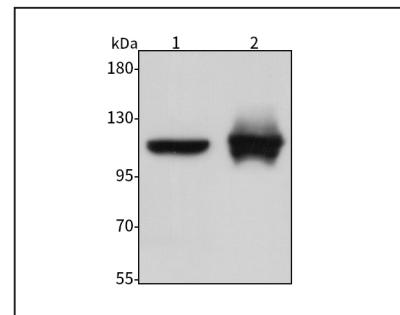
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#### Product Images



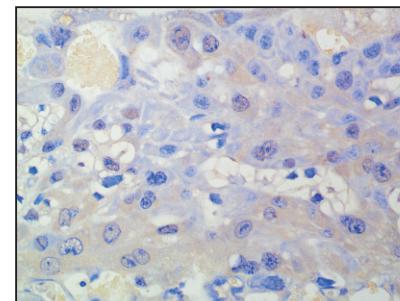
Western blot-Anti-HIF2α/EPAS1 pAb

Lane 1: Human HeLa cell lysate  
Lane 2: Human HEK293 cell lysate  
Lane 3: Rat RSC96 cell lysate  
All lanes: Anti-HIF2α/EPAS1 at 1:1000 dilution  
Lysates/proteins at 20-50 μg per lane.  
Predicted band size: 96 kDa  
Observed band size: 100-120 kDa



Western blot-Anti-HIF2α/EPAS1 pAb

Lane 1: Mouse kidney tissue lysate  
Lane 2: Mouse liver tissue lysate  
All lanes: Anti-HIF2α/EPAS1 at 1:1000 dilution  
Lysates/proteins at 20-50 μg per lane.  
Predicted band size: 96 kDa  
Observed band size: 100-120 kDa



Immunohistochemistry-Anti-HIF2α/EPAS1 pAb

Immunohistochemical analysis of paraffin-embedded mouse placenta using anti-HIF2α/EPAS1 Rabbit Antibody at 1:100 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

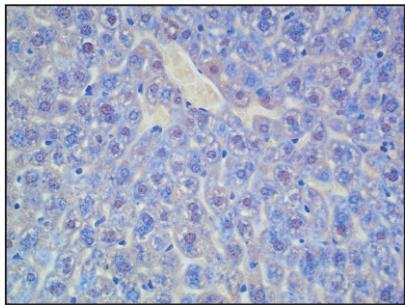
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#### Immunohistochemistry-Anti-HIF2α/EPAS1 pAb

Immunohistochemical analysis of paraffin-embedded mouse liver using anti-HIF2α/EPAS1 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.