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Datasheet for ABIN363209 anti-EPAS1 antibody (AA 535-631)

5 Images



Overview

Quantity:	0.1 mL
Target:	EPAS1
Binding Specificity:	AA 535-631
Reactivity:	Human, Mouse, Rat, Hamster
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP)

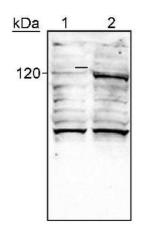
Product Details

Immunogen:	Human HIF-2 alpha amino acids 535-631
Clone:	Ep190b
Isotype:	lgG1
Specificity:	Reacts with HIF-2 alpha from human, mouse hamster and rat
Cross-Reactivity (Details):	Does not cross-react with HIF-1 alpha.
Purification:	Purified (protein G)
Target Details	
Target:	EPAS1

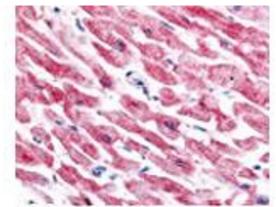
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Target Details	
Alternative Name:	Hypoxia-Inducible Factor 2-alpha (EPAS1 Products)
Background:	Transcription factor involved in the induction of oxygen regulated genes. Binds to core DNA
	sequence 5'-[AG]CGTG-3' within the hypoxia response element (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.
Gene ID:	2034
UniProt:	Q99814
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2, Warburg Effect
Application Details	
Application Notes:	Working dilution: Optimal dilution should be determined by the end user.
	The following are guidelines only:
	ELISA1:100-1:2000, FC1:400, IHC1:150-1:300, WB1:500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, Sodium azide 0.1 %
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/-80 °C
Storage Comment:	Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.

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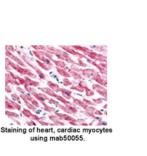
HIF-2 alpha detected in hypoxic human lysate using mab50055. Lane 1:
dor> normoxic A549 lysate control, Lane 2: hypoxic A549 lysate.



Staining of heart, cardiac myocytes using mab50055.



Image 2.



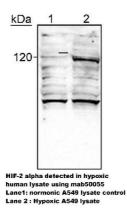


Image 3.

Please check the product details page for more images. Overall 5 images are available for ABIN363209.

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