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Datasheet for ABIN947833

anti-EPAS1 antibody (AA 28-347)

4 Images

Overview

Quantity:	100 µg
Target:	EPAS1
Binding Specificity:	AA 28-347
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPAS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant EPAS1.
Immunogen:	EPAS1 (NP_001421.2, 28 a.a. ~ 347 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SKETEVFYEL AHPLPHSV SSHLDKASIM RLAI SFLRTH KLLSSVCS EN ESEAEADQQM DNLYLKALEG FIAVVTQDGD MIFLSENISK FMGLTQVELT GHSIFDFTHP CDHEEIRENL SLKNGSGFGK KSKDMSTERD FFMRMKCTVT NRGRTVNLKS ATWKVLHCTG QVKVYNNCPP HNSLCGYKEP LLSCLIIMCE PIQHPSHMDI PLDSKTFLSR HSMDMKFTYC DDRITELIGY HPEELLGRSA YEFYHALDSE NMTKSHQNLK TKGQVVSGQY RMLAKHGGYV WLETQGTVIY NPRNLQPQCI MCVNYVLSEI
Clone:	1G2
Isotype:	IgG1

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

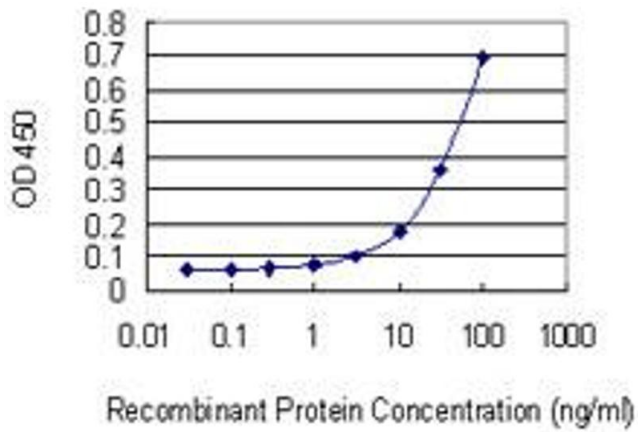
Target:	EPAS1
Alternative Name:	EPAS1 (EPAS1 Products)
Background:	Full Gene Name: endothelial PAS domain protein 1 Synonyms: ECVT4,HIF2A,HLF,MOP2,PASD2,bHLHe73
Gene ID:	2034
NCBI Accession:	NM_001430
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2 , Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

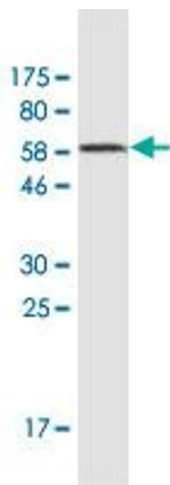
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



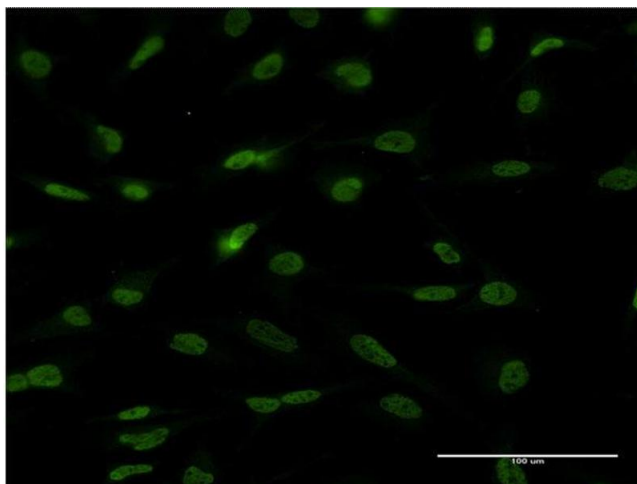
ELISA

Image 1. Detection limit for recombinant GST tagged EPAS1 is 1 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (60.83 KDa) .



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to EPAS1 on HeLa cell. [antibody concentration 10 ug/ml]

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN947833.