

Datasheet for ABIN363383
anti-EPAS1 antibody (C-Term)



[Go to Product page](#)

6 Images

Overview

Quantity:	0.1 mL
Target:	EPAS1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Fish
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP), Gel Shift (GS)

Product Details

Immunogen:	Synthetic peptide derived from the C-term domain of mouse/human HIF-2 alpha protein.
Specificity:	Reacts with mouse, rat, fish and human HIF-2 alpha
Cross-Reactivity (Details):	Does not cross-react with HIF-1 alpha.
Purification:	Antigen affinity purified

Target Details

Target:	EPAS1
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.

Target Details

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.

Gene ID: 2034

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:
WB1.0 µg/mL - 2.0 µg/mL ChIP1:10-1:500 ELISA 1:100-1:2000 ICC/IF1:100 IHC 1:100 IP5 µg/1 mg lysate

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

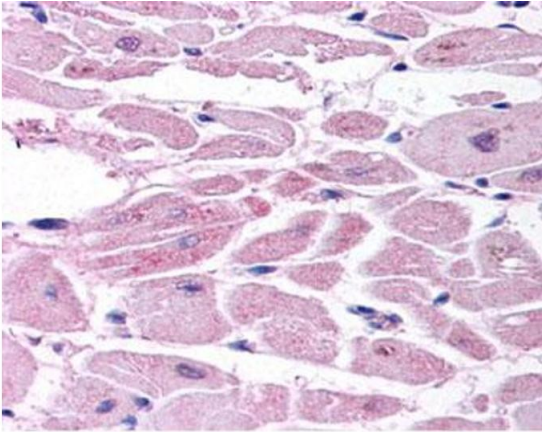
Buffer: PBS, Sodium azide 0.05 %

Preservative: Sodium azide

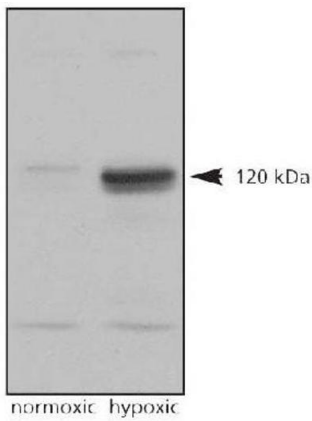
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 4°C. Do not freeze.



HIF-2 alpha Immunoreactivity in human cardiac myocytes stained with pab50074



Western Blot analysis on normoxic and hypoxic nuclear rat cell lysates using pab50074, anti-HIF-2 alpha.

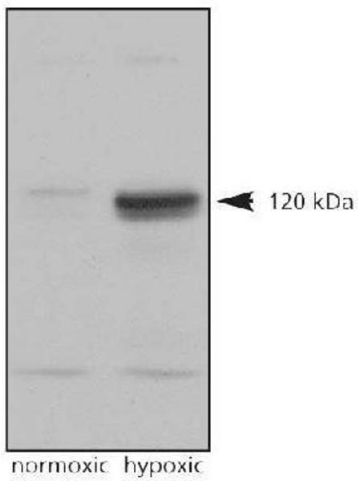


Image 1.

Image 2.

Image 3.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN363383.