

Datasheet for ABIN7435523
anti-EPAS1 antibody (AA 339-541)

6 Images

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Overview

Quantity:	100 µL
Target:	EPAS1
Binding Specificity:	AA 339-541
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPAS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Hypoxia Inducible Factor 2 Alpha (HIF2a)
Immunogen:	Recombinant Hypoxia Inducible Factor 2 Alpha (HIF2a) corresponding to Cys339~Gln541 (Accession # Q99814)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against HIF2a. It has been selected for its ability to recognize HIF2a in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

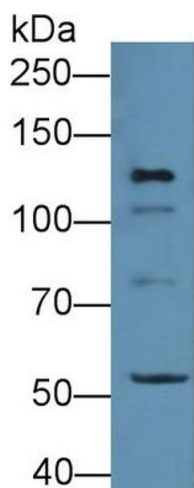
Target:	EPAS1
Alternative Name:	Hypoxia Inducible Factor 2 Alpha (EPAS1 Products)
Background:	EPAS1, HLF, MOP2, PASD2, BHLHE73, Endothelial PAS Domain 1, HIF-1 Alpha-Like Factor, Basic-helix-loop-helix-PAS protein MOP2, Class E basic helix-loop-helix protein 73
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2 , Warburg Effect

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

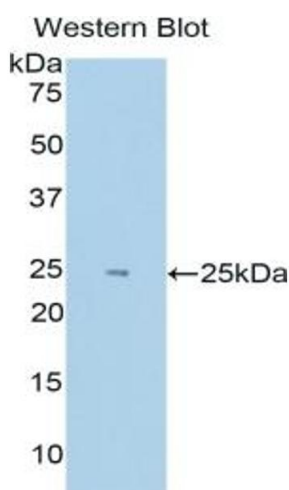
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



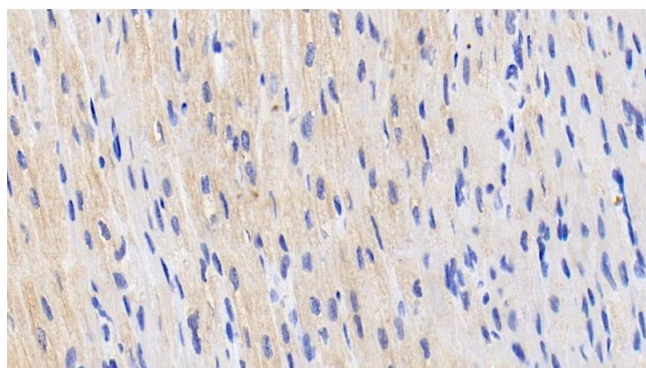
Western Blotting

Image 1. Detection of HIF2a in Mouse Cerebellum lysate using Polyclonal Antibody to Hypoxia Inducible Factor 2 Alpha (HIF2a)



Western Blotting

Image 2. Detection of Recombinant HIF2a, Human using Polyclonal Antibody to Hypoxia Inducible Factor 2 Alpha (HIF2a)



Immunohistochemistry

Image 3. Detection of HIF2a in Human Cardiac Muscle Tissue using Polyclonal Antibody to Hypoxia Inducible Factor 2 Alpha (HIF2a)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7435523.