



Datasheet for ABIN6569199 anti-PHD1 antibody



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2 Images

Overview

Quantity:	200 µL
Target:	PHD1 (EGLN2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	A synthetic peptide of human EGLN2
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	PHD1 (EGLN2)
Alternative Name:	EGLN2 (EGLN2 Products)
Background:	Synonyms: DKFZp434E026,EGL nine (C.elegans) homolog 2,Egl nine homolog 2 (C. elegans),Egl nine homolog 2,EGLN 2,EGLN2,EGLN2,EIT 6,EIT6,Estrogen-induced tag 6,HIF P4H 1,HIF PH1,HIF prolyl hydroxylase 1,HIF-PH1,HIF-prolyl hydroxylase 1,HIFPH 1,HIFPH1,HPH 3,HPH-1,HPH-3,HPH3,Hypoxia inducible factor prolyl hydroxylase 1,Hypoxia-inducible factor prolyl hydroxylase 1,P4H1,PHD 1,PhD1,prolyl hydroxylase domain containing protein 1,Prolyl

Target Details

hydroxylase domain-containing protein 1

Background: The hypoxia inducible factor (HIF) is a transcriptional complex that is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degradation by prolyl hydroxylation. This gene encodes an enzyme responsible for this post-translational modification. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream RAB4B (RAB4B, member RAS oncogene family) gene.

Molecular Weight: Observed_MW: 55kDa
Calculated_MW: 40kDa/43kDa

Gene ID: 112398

UniProt: [Q96KS0](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Cell RedoxHomeostasis](#)

Application Details

Application Notes: WB 1:500 - 1:2000 IP 1:20 - 1:50

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

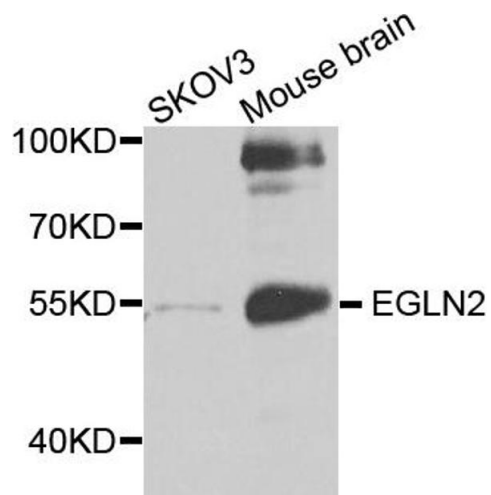
Buffer: Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

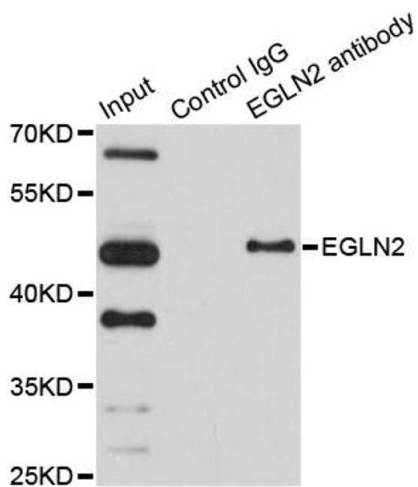
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using EGLN2 antibody.



Immunoprecipitation

Image 2. Immunoprecipitation analysis of 150ug extracts of HeLa cells using 3ug EGLN2 antibody.