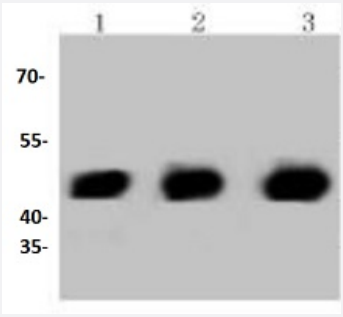
RecomAb™

PHD1 recombinant monoclonal antibody

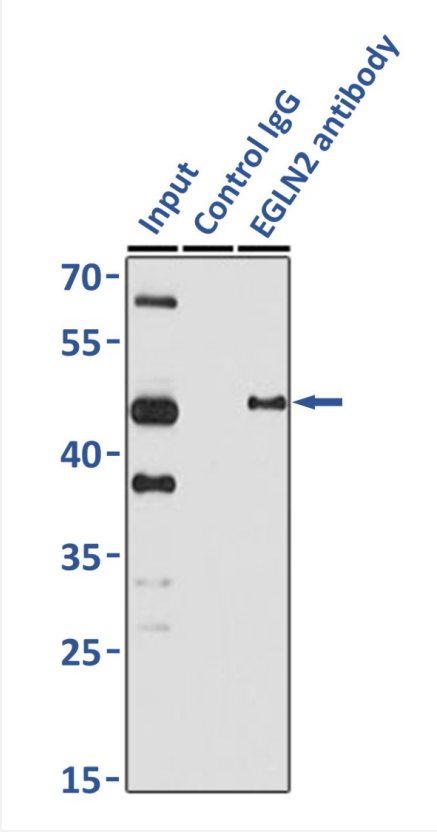
Catalog # RAB02396 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts of Lane1:Hela whole cell lysate, Lane2:PC12 whole cell lysate, Lane3:NIH/3T3 whole cell lysate with PHD1 recombinant monoclonal antibody (Cat # RAB02396).



Immunoprecipitation-Western Blot

Immunoprecipitation analysis of 150 ug extracts of HeLa cells using 3ug PHD1 recombinant monoclonal antibody (Cat # RAB02396). Western blot was performed from the immunoprecipitate using PHD1 recombinant monoclonal antibody (Cat # RAB02396) at a dilution of 1:1000.

Specification

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Product Description	Rabbit recombinant monoclonal antibody raised against recombinant PHD1.
Antibody Species	Rabbit
Theoretical MW (kDa)	44
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of PHD1 and does not cross-react with related proteins.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20-1:50) Western Blot (1:500-1:2000)
Storage Buffer	In PBS, pH 7.2 (0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of extracts of Lane1:Hela whole cell lysate, Lane2:PC12 whole cell lysate, Lane3:NIH/3T3 whole cell lysate with PHD1 recombinant monoclonal antibody (Cat # RAB02396).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence

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- Immunoprecipitation-Western Blot

  Immunoprecipitation analysis of 150 ug extracts of HeLa cells using 3ug PHD1 recombinant monoclonal antibody (Cat # RAB02396). Western blot was performed from the immunoprecipitate using PHD1 recombinant monoclonal antibody (Cat # RAB02396) at a dilution of 1:1000.

  Protocol Download

- Flow Cytometry

Gene Info — EGLN2

Entrez GeneID	112398
Protein Accession#	Q96KS0
Gene Name	EGLN2
Gene Alias	DKFZp434E026, EIT6, HIFPH1, HPH-3, PHD1
Gene Description	egl nine homolog 2 (C. elegans)
Omim ID	606424
Gene Ontology	Hyperlink
Gene Summary	The hypoxia inducible factor (HIF) is a transcriptional complex which is involved in oxygen homeos tasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degration by prolyl hydroxyla tion. This gene encodes an enzyme responsible for this posttranslational modification. Multiple alt ernatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq
Other Designations	EGL nine (C.elegans) homolog 2|HIF prolyl hydroxylase 1|HIF-prolyl hydroxylase 1|estrogen-induc ed tag 6|hypoxia-inducible factor prolyl hydroxylase 1|prolyl hydroxylase domain-containing protein 1

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