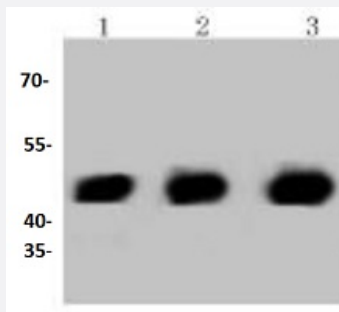


RecomAb™

PHD1 recombinant monoclonal antibody

Catalog # RAB02396 Size 100 uL

Applications

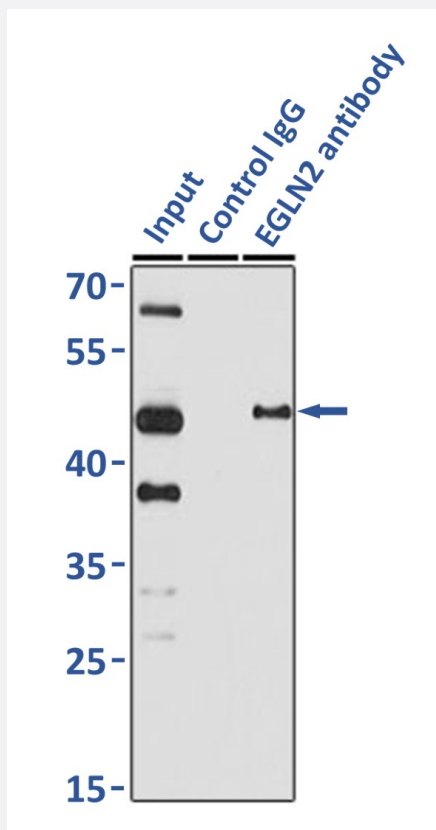


Western Blot (Cell lysate)

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

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 should 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

- 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 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 posttranslational modification. Multiple alternatively 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-induced tag 6|hypoxia-inducible factor prolyl hydroxylase 1|prolyl hydroxylase domain-containing protein 1