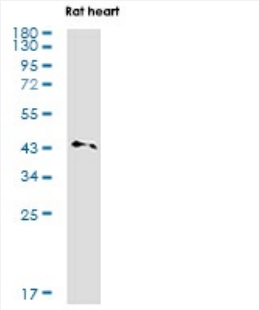
RecomAb™

EGLN2 recombinant monoclonal antibody, clone R01-7G1

Catalog # RAB01326 Size 100 uL

Applications



Western Blot

Western blot analysis of PHD1/prolyl hydroxylase in rat heart lysates using PHD1 antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human EGLN2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human EGLN2.
Theoretical MW (kDa)	Calculated MW: 44 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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- Western Blot

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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