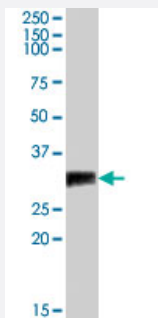


EGLN3 polyclonal antibody

Catalog # PAB7480

Size 100 ug

Applications



Western Blot (Tissue lysate)

EGLN3 polyclonal antibody (Cat # PAB7480) (0.1 ug/mL) staining of human muscle lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of EGLN3.

Immunogen A synthetic peptide corresponding to human EGLN3.

Sequence C-RLGKYYVKERSK

Host Goat

Theoretical MW (kDa) 27.7

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:8000)
 Western Blot (0.1-0.3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — EGLN3

Entrez GeneID	112399
Protein Accession#	NP_071356.1
Gene Name	EGLN3
Gene Alias	FLJ21620, HIFPH3, MGC125998, MGC125999, PHD3
Gene Description	egl nine homolog 3 (C. elegans)
Omim ID	606426
Gene Ontology	Hyperlink
Other Designations	HIF prolyl hydroxylase 3 egl nine homolog 3 egl nine-like protein 3 isoform

Publication Reference

- [Hypoxia-induced assembly of prolyl hydroxylase PHD3 into complexes: implications for its activity and susceptibility for degradation by the E3 ligase Siah2.](#)

Nakayama K, Gazdciu S, Abraham R, Pan ZQ, Ronai Z.

The Biochemical Journal 2007 Jan; 401(1):217.

Application: WB-Ce, Human, HeLa cells

Pathway

- [Pathways in cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Tobacco Use Disorder](#)