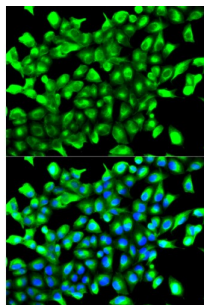


Egl Nine Homolog 1 (EGLN1) Antibody

Catalogue No.: abx001065



Immunofluorescence analysis of MCF-7 cells using EGLN1 Antibody

EGLN1 Antibody is a Rabbit Polyclonal antibody against EGLN1. The protein encoded by this gene catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. HIF is a transcriptional complex that plays a central role in mammalian oxygen homeostasis. This protein functions as a cellular oxygen sensor, and under normal oxygen concentration, modification by prolyl hydroxylation is a key regulatory event that targets HIF subunits for proteasomal destruction via the von Hippel-Lindau ubiquitylation complex. Mutations in this gene are associated with erythrocytosis familial type 3 (ECYT3).

Target: Egl Nine Homolog 1 (EGLN1)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: IF/ICC

Host: Rabbit

Recommended dilutions: IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human EGLN1

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q9GZT9 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 5.0.0

Revision date: 10 Oct 2025



Gene Symbol: EGLN1

GeneID: [54583](#)

NCBI Accession: NP_071334.1

String: [9606.ENSP00000355601](#)

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

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only