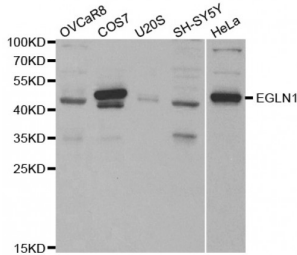


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Egl Nine Homolog 1 (EGLN1) Antibody

Catalogue No.: abx001065



Western blot analysis of extracts of various cell lines, using EGLN1 antibody (abx001065) at 1/1000 dilution.

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: EGLN1

Reactivity: Human, Monkey

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human EGLN1.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

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

Molecular Weight: Calculated MW: 36 kDa/43 kDa/46 kDa
 Observed MW: 45 kDa

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Swiss Prot: [Q9GZT9](#)

GeneID: [54583](#)

Gene Symbol: EGLN1

Concentration: > 1 mg/ml

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

Note: This product is for research use only.