

Datasheet for ABIN1537273
anti-EGLN1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	EGLN1
Binding Specificity:	AA 396-425, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGLN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This EGLN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 396-425 amino acids from the C-terminal region of human EGLN1.
Clone:	RB39542
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	EGLN1
Alternative Name:	EGLN1 (EGLN1 Products)
Background:	The protein encoded by this gene catalyzes the post-translational formation of 4-hydroxyproline

Target Details

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).

Molecular Weight: 46021

Gene ID: 54583

NCBI Accession: [NP_071334](#)

UniProt: [Q9GZT9](#)

Pathways: [cAMP Metabolic Process](#), [Warburg Effect](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

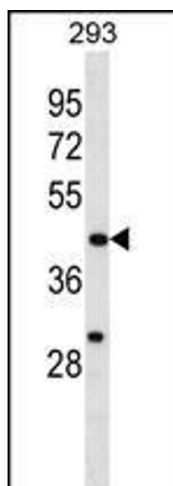
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: EGLN1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. EGLN1 Antibody (C-term) (ABIN1537273 and ABIN2850082) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the EGLN1 antibody detected the EGLN1 protein (arrow).