



# EGLN1 Antibody

<b>Product Code</b>	CSB-PA007481GA01HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q9GZT9
<b>Immunogen</b>	Human EGLN1
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IHC, IF
<b>Storage Buffer</b>	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3. -20°C, Avoid freeze / thaw cycles.
<b>Purification Method</b>	Antigen Affinity purified
<b>Isotype</b>	IgG
<b>Alias</b>	egl nine homolog 1 (C. elegans); EGLN1; C1orf12; DKFZp761F179; ECYT3; HIFPH2; HPH2; PHD2; SM-20; SM20; ZMYND6 ;
<b>Product Type</b>	Purified Rabbit Anti Human PolyClonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Target Names</b>	EGLN1
<b>Target Details</b>	This protein 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).
<b>Usage</b>	For Research Use Only. Not for use in diagnostic or therapeutic procedures.