

Rabbit EGLN1 Polyclonal Antibody | anti-EGLN1 antibody

EGLN1 Polyclonal Antibody

CATALOG # AAA311200	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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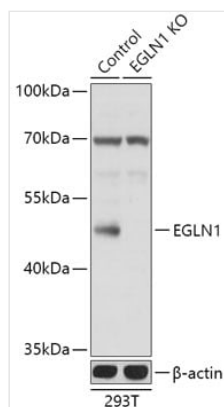
PRODUCT SYNONYMS

EGLN1; Polyclonal Antibody; EGLN1 Polyclonal Antibody; C1orf12; ECTY3; HALAH; HIF-PH2; HIFPH2; HPH-2; HPH2; PHD2; SM20; ZMYND6; egl nine homolog 1; anti-EGLN1 antibody

PRODUCT SPECIFICATIONS

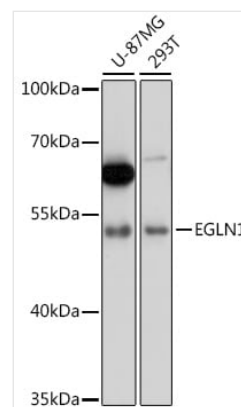
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-EGLN1 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein of human EGLN1 (NP_071334.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



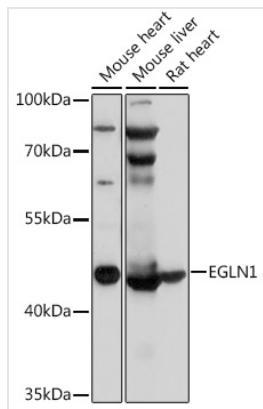
WB (Western Blot)

Western blot analysis of extracts from normal (control) and EGLN1 knockout (KO) 293T cells, using EGLN1 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EGLN1 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EGLN1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EGLN1 antibody	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).
Product Categories/Family for anti-EGLN1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13489073
NCBI GeneID	54583
NCBI Accession #	NP_071334.1
NCBI GenBank Nucleotide #	NM_022051.2
UniProt Accession #	Q9GZT9; Q8N3M8; Q9BZS8; Q9BZT0
Molecular Weight	426
NCBI Official Full Name	egl nine homolog 1
NCBI Official Synonym Full Names	egl-9 family hypoxia-inducible factor 1
NCBI Official Symbol	EGLN1
NCBI Official Synonym Symbols	HPH2; PHD2; SM20; ECYT3; HPH-2; HIFPH2; ZMYND6; C1orf12; HIF-PH2
NCBI Protein Information	egl nine homolog 1; egl nine-like protein 1; HIF prolyl hydroxylase 2; HIF-prolyl hydroxylase 2; zinc finger MYND domain-containing protein 6; hypoxia-inducible factor prolyl hydroxylase 2; prolyl hydroxylase domain-containing protein 2
UniProt Protein Name	Egl nine homolog 1
UniProt Gene Name	EGLN1
UniProt Synonym Gene Names	HIF-PH2; HIF-prolyl hydroxylase 2; HPH-2; PHD2
UniProt Entry Name	EGLN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

