

Rabbit EGLN2 Polyclonal Antibody | anti-EGLN2 antibody

EGLN2 Polyclonal Antibody

CATALOG # AAA36934	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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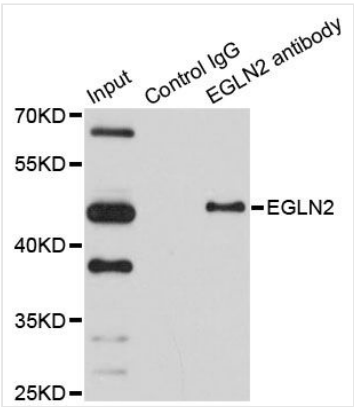
PRODUCT SYNONYMS

EGLN2; Polyclonal Antibody; EGLN2 Polyclonal Antibody; EIT6; PHD1; HPH-1; HPH-3; HIFPH1; HIF-PH1; anti-EGLN2 antibody

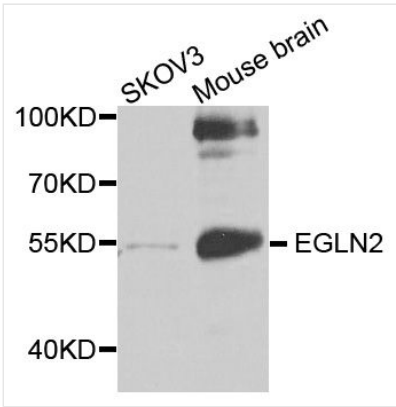
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	407
Applicable Applications for anti-EGLN2 antibody	WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human EGLN2
Calculated Molecular Weight	44kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IP (Immunoprecipitation)
Immunoprecipitation analysis of 150ug extracts of HeLa cells using 3ug EGLN2 antibody. Western blot was performed from the immunoprecipitate using EGLN2 antibody at a dilution of 1:1000.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using EGLN2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.

ADDITIONAL INFORMATION

Related Product Information for anti-EGLN2 antibody	The hypoxia inducible factor (HIF) is a transcriptional complex that is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degradation by prolyl hydroxylation. This gene encodes an enzyme responsible for this post-translational modification. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream RAB4B (RAB4B, member RAS oncogene family) gene.
Product Categories/Family for anti-EGLN2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	32129513
NCBI GeneID	112398
UniProt Accession #	Q96KS0; Q8WWY4; Q9BV14; A8K5S0
Molecular Weight	407
NCBI Official Full Name	Egl nine homolog 2
NCBI Official Synonym Full Names	egl-9 family hypoxia-inducible factor 2
NCBI Official Symbol	EGLN2
NCBI Official Synonym Symbols	EIT6; PHD1; HPH-1; HPH-3; HIFPH1; HIF-PH1
NCBI Protein Information	egl nine homolog 2; estrogen-induced tag 6; HIF-prolyl hydroxylase 1; hypoxia-inducible factor prolyl hydroxylase 1; prolyl hydroxylase domain-containing protein 1
UniProt Protein Name	Egl nine homolog 2
UniProt Gene Name	EGLN2
UniProt Synonym Gene Names	EIT6; HIF-PH1; HIF-prolyl hydroxylase 1; HPH-1; PHD1
UniProt Entry Name	EGLN2_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.

