

Product datasheet for **AP51387PU-N**

EGLN2 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 95-123 amino acids from the N-terminal region of human EGLN2
Specificity:	This antibody reacts to EGLN2.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	43650 Da
Gene Name:	egl-9 family hypoxia inducible factor 2
Database Link:	Entrez Gene 112398 Human Q96KS0



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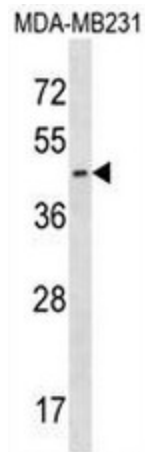
Background: The hypoxia inducible factor (HIF) is a transcriptional complex which is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degradation by prolyl hydroxylation. This gene encodes an enzyme responsible for this posttranslational modification. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Synonyms: HIF-PH1, HIF PH1, HPH-1, HPH-3, EIT6

Protein Families: Druggable Genome

Protein Pathways: Pathways in cancer, Renal cell carcinoma

Product images:



EGLN2 Antibody (N-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the EGLN2 antibody detected the EGLN2 protein (arrow).