

CAB10342

Product Information

Product SKU:	CAB10342	Gene ID:	54583/112398	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	44kDa	Conjugate:	Unconjugated
Calculated MW:	36kDa/43kDa/46kDa/40kDa	Isotype:	IgG

Immunogen Information

Background: The proteins encoded by EGLN1/EGLN2 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.

Recommended Dilution: WB, 1:500 - 1:2000

Synonyms: EGLN1/EGLN2

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 250-350 of human EGLN1/EGLN2 (NP_071334.1/NP_444274.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.