

## Goat anti-EGLN3 Antibody

Item Number	dAP-1494
Target Molecule	Principle Name: EGLN3; Official Symbol: EGLN3 ; All Names and Symbols: EGLN3 ; egl nine homolog 3 (C. elegans) ; FLJ21620; HIFPH3; MGC125998; MGC125999; PHD3; EGL nine (C.elegans) homolog 3; egl nine homolog 3; egl nine-like protein 3 isoform; Accession Number (s): NP_071356.1; Human Gene ID (s): 112399; Non-Human GenelD(s): 112407 (mouse) 54702 (rat)
Immunogen	RLGKYYVKERSK, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx. 30kDa band observed in Human Skeletal Muscle lysates (calculated MW of 27.7kDa according to NP_071356.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Nakayama K, Gazdoi S, Abraham R, Pan ZQ, Ronai Z. Hypoxia-induced assembly of prolyl hydroxylase PHD3 into complexes: implications for its activity and susceptibility for degradation by the E3 ligase Siah2. <i>Biochem J.</i> 2007 Jan 1;401(1):217-26.. PMID: 16958618 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**