



Anti-PHD1/prolyl hydroxylase (aa 545-644) polyclonal antibody (DPATB-H81888)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Anti-PHD1/prolyl hydroxylase Polyclonal Antibody
Target	PHD1/prolyl hydroxylase
Immunogen	Recombinant fusion protein: RNPHEVMPVF RHRFAITIWY MDKSERDKAL AKGKESDAAC, corresponding to amino acids 545-644 of Caenorhabditis elegans PHD1 RNPHEVMPVFRHRFAITIWYMDKSERDKALAKGKESDAAC Run BLAST with Run BLAST with
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Caenorhabditis elegans
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB
Cellular Localization	Cytoplasm. Nucleus.
Format	Liquid
Size	100 µl
Buffer	50% Glycerol, Whole serum
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	Catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. Hydroxylates HIF-1 alpha at Pro-402 and Pro-564, and HIF-2 alpha. Functions as a cellular oxygen sensor and, under normoxic conditions, target
Keywords	DKFZp434E026; EGL nine (C.elegans) homolog 2; Egl nine homolog3(C. elegans); Egl nine homolog 2; EGLN 2; EGLN2; EGLN2_HUMAN; EIT 6; EIT6; estrogen-induced tag 6; HIF P4H 1; HIF PH1; HIF prolyl hydroxylase 1; HIF-PH1; HIF-prolyl hydroxylase 1; HIFPH 1; HIF