Datasheet for ABIN927508
anti-PHD1 antibody (N-Term)

1 Image

Overview

Quantity:	100 μL
Target:	PHD1 (EGLN2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Zebrafish (Danio rerio), Chicken, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	EGLN2 antibody was raised in rabbit using the N terminal of EGLN2 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Cow (Bovine), Dog (Canine), Zebrafish (Brachydanio rerio), Chicken, Frog
Purification:	Purified

Target Details

Target:	PHD1 (EGLN2)
Alternative Name:	EGLN2 (EGLN2 Products)
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 degration by prolyl hydroxylation. EGLN2 encodes an enzyme responsible for this posttranslational

Target Details

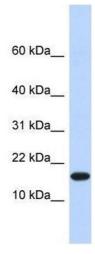|	
	modification. Alternative splicing of EGLN2 results in three transcript variants encoding different isoforms. Synonyms: Polyclonal EGLN2 antibody, Anti-EGLN2 antibody, egl nine homolog 2, C. elegans antibody.
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Cell RedoxHomeostasis

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	EGLN2 Blocking Peptide, catalog no. 33R-5815, is also available for use as a blocking control in assays to test for specificity of this EGLN2 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images

Western Blotting

Image 1. EGLN2 antibody used at 1.25 ug/ml to detect target protein.