Datasheet for ABIN7449245

anti-EGLN3 antibody (AA 50-100)

Go to Product page

Overview

Quantity:	100 µg
Target:	EGLN3
Binding Specificity:	AA 50-100
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGLN3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-PHD3 Antibody, Affinity Purified
Immunogen:	between AA 50 and 100
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	EGLN3
Alternative Name:	PHD3 (EGLN3 Products)
Background:	Background: PHD3 is one of 4 PHD (PHD1-4) enzymes that function as oxygen sensors and are responsible for the post-translational modification of HIF-1alpha, a component of a

Target Details

	transcriptional complex involved in oxygen homeostasis. During normoxic levels, PHDs catalyze the hydroxylation of prolyl residues on HIF-1alpha and target it for proteasomal degradation via the von Hippel-Lindau ubiquitination complex. The PHD isoforms appear to function in a non-redundant manner and may differ in their expression patterns and their catalytic selectivity.
Gene ID:	112399
NCBI Accession:	NP_071356
UniProt:	Q9H6Z9
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months