

Datasheet for ABIN7113751 **anti-EGLN3 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	EGLN3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGLN3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	egl nine homolog 3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	EGLN3
Alternative Name:	PHD3 (EGLN3 Products)
Background:	Synonyms:Egl nine homolog 3, EGLN3, FLJ21620, HIF PH3, HIF prolyl hydroxylase 3, HIFPH3, HPH 1, HPH 3, PHD3 Background:EGLN3, also named as HPH-1, HIF-PH3, HPH-3 and PHD3, is a cellular oxygen sensor that catalyzes, under normoxic conditions, the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor(HIF) alpha proteins. It hydroxylates a

Target Details

	specific proline found in each of the oxygen-dependent degradation(ODD) domains(N-terminal, NODD, and C-terminal, CODD) of HIF1A. It is a regulator of cardiomyocyte and neuronal apoptosis. EGLN3 can be a prognostic marker for gastric cancer.
Molecular Weight:	28kd
UniProt:	Q9H6Z9
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:500-1:1000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months