

Anti-EGLN1 antibody

Cat. No.	ml222872
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-EGLN1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human EGLN1
Reactivity	Human, Mouse, Rat
Content	0.1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	EGLN1
Full name	egl-9 family hypoxia-inducible factor 1
Synonyms	HPH2; PHD2; SM20; EGYT3; HPH-2; HIFPH2; ZMYND6; C1orf12; HIF-PH2
Swissprot	Q9GZT9

Target Background

The protein encoded by this gene catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. HIF is a transcriptional complex that plays a central role in mammalian oxygen homeostasis. This protein functions as a cellular oxygen sensor, and under normal oxygen concentration, modification by prolyl hydroxylation is a key regulatory event that targets HIF subunits for proteasomal destruction via the von Hippel-Lindau ubiquitylation complex.

订购热线: 4008-898-798

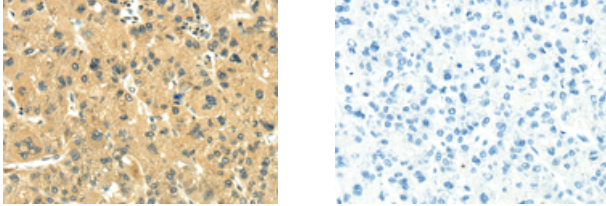
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Cell membrane

Positive control: Human esophagus cancer

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml222872(EGLN1 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 1000-2000

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