

Product datasheet for **TA369271**

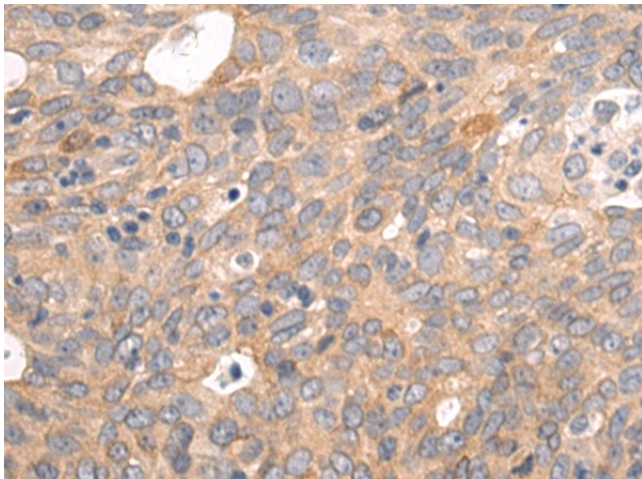
EGLN1 Rabbit Polyclonal Antibody

Product data:

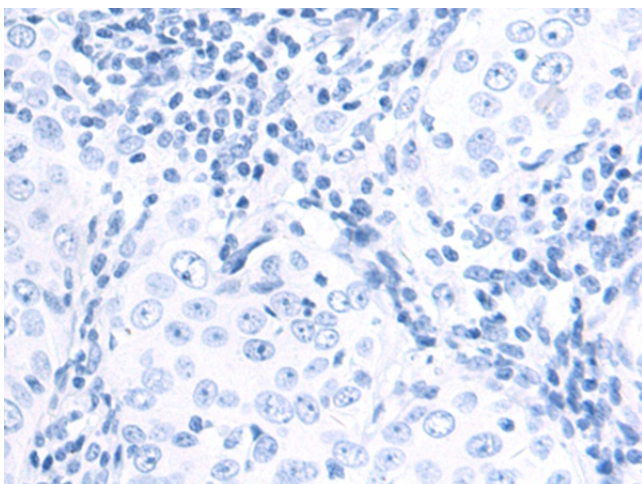
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human EGLN1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	egl-9 family hypoxia inducible factor 1
Database Link:	Entrez Gene 54583 Human Q9GZT9
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.
Synonyms:	C1orf12; DKFZp761F179; ECTY3; HIF-PH2; HIFPH2; HPH-2; HPH2; PHD2; SM-20; SM20; ZMYND6



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Product images:

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA369271 (EGLN1 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA369271 (EGLN1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)