

EGLN1 Antibody

Catalog No: #42722

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

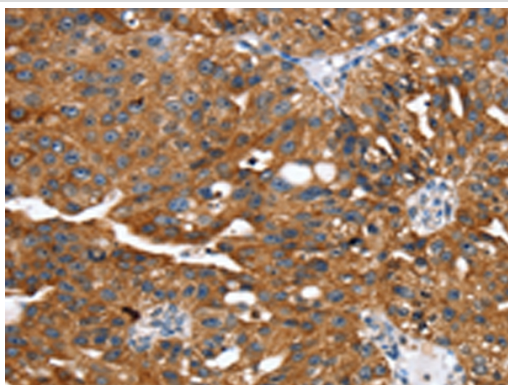
Description

Product Name	EGLN1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EGLN1 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human EGLN1
Target Name	EGLN1
Other Names	HPH2; PHD2; SM20; ECT3; HPH-2; HIFPH2; ZMYND6; C1orf12; HIF-PH2
Accession No.	Swiss-Prot#: Q9GZT9 Gene ID: 54583
Uniprot	Q9GZT9
GeneID	54583;
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

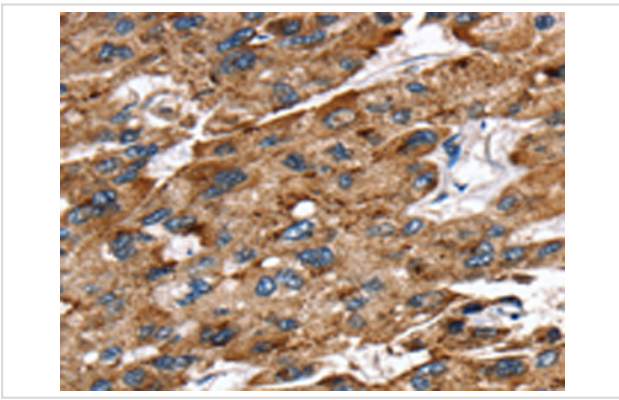
Application Details

Immunohistochemistry: 1:20-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #42722 at dilution 1/25.



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #42722 at dilution 1/25.

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.

Note: This product is for in vitro research use only