

EGLN1/EGLN2 Polyclonal Antibody

Catalog No: #27387

Package Size: #27387-1 50ul #27387-2 100ul

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

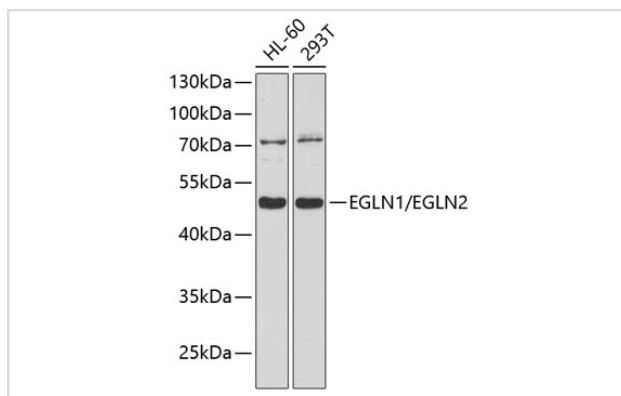
Description

Product Name	EGLN1/EGLN2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human EGLN1/EGLN2
Other Names	EGLN1/EGLN2
Accession No.	Uniprot:Q9GZT9/Q96KS0GeneID:54583/112398
Calculated MW	44kDa
SDS-PAGE MW	44kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using EGLN1/EGLN2 antibody.

Background

The proteins encoded by EGLN1/EGLN2 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 and is not intended for use in humans or animals.