

Anti-EGLN3 antibody (1-100) (STJ110308)

STJ110308

GENERAL INFORMATION

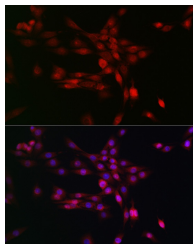
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/IC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

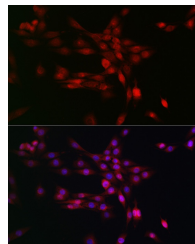
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/IC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

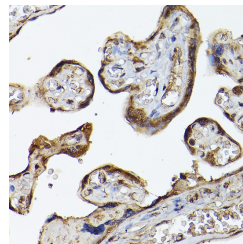
Gene ID	112399
Gene Symbol	EGLN3
Uniprot ID	EGLN3_HUMAN
Immunogen	
Immunogen Region	1-100
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PHD3 (NP_071356.1).
Immunogen Sequence	MPLGHIMRLDLEKIALEYIV PCLHEVGFCYLDNFLGEVVG DCVLERVKQLHCTGALRDGQ LAGPRAGVSKRHLRGDQITW IGGNEEGCEAISFLLSLIDR



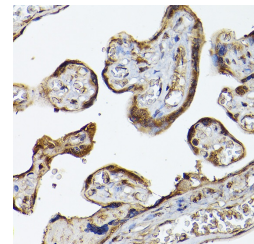
Western blot analysis of extracts of various cell lines, using PHD3 antibody (STJ110308) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunofluorescence analysis of PC-12 cells using PHD3 Rabbit polyclonal antibody (STJ110308) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of Rat stomach, using PHD3 antibody (STJ110308) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded human placenta using PHD3 Rabbit polyclonal antibody (STJ110308) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6, 0 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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