

Product datasheet for **TA309638**

PHD3 (EGLN3) Rabbit Polyclonal Antibody

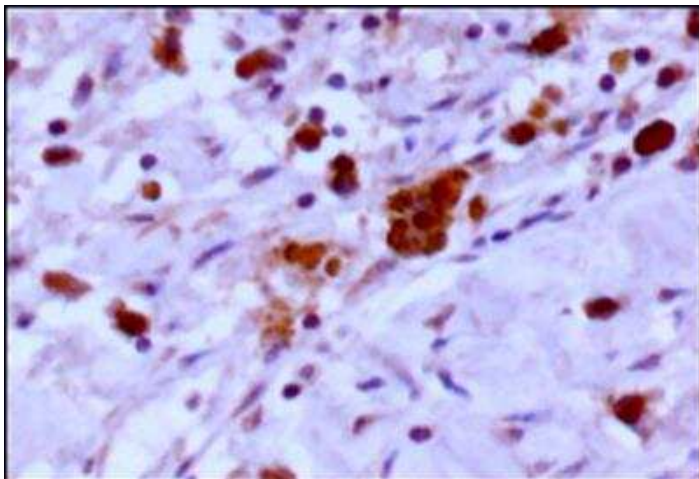
Product data:

Product Type:	Primary Antibodies
Applications:	ChIP, Electron Microscopy, ICC/IF, IHC, IP, WB
Recommended Dilution:	Chromatin Immunoprecipitation, Immunohistochemistry: 1:250-1:1000, Mass Spectrometry, Knockdown Validated, Electron Microscopy, Western Blot: 1:1000-1:2000, Immunocytochemistry/ Immunofluorescence: 1:500, Immunoprecipitation, Immunohistochemistry-Paraffin: 1:250-1:1000
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to residues between 50-100 of human Prolyl Hydroxylase Domain-Containing Protein 3 using the numbering given in entry NP_071356.1 (GeneID 112399).
Formulation:	Tris-citrate/phosphate buffer, pH 7 to 8 and 0.1% Sodium Azide
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	egl-9 family hypoxia inducible factor 3
Database Link:	NP_071356 Entrez Gene 54702 Rat Entrez Gene 112399 Human Q9H6Z9
Synonyms:	HIFP4H3; HIFPH3; PHD3
Protein Families:	Druggable Genome
Protein Pathways:	Pathways in cancer, Renal cell carcinoma

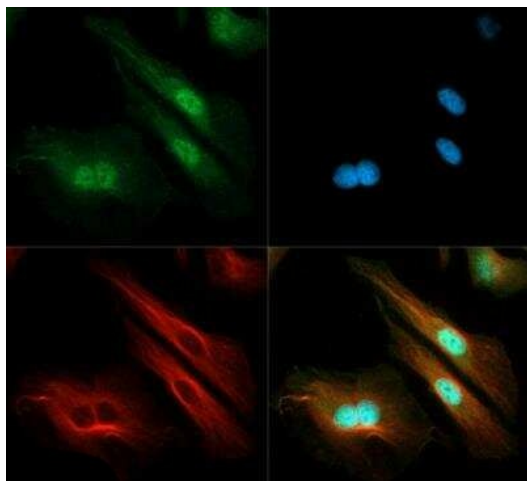


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Product images:



Immunohistochemistry-Paraffin: EGLN3/PHD3 Antibody TA309638 - Analysis of a formalin fixed tissue section of human renal cell carcinoma (clear cell type) using rabbit polyclonal EGLN3/PHD3 antibody with HRP-DAB detection and hematoxylin counterstaining. The antibody generated a strong nuclear staining of PHD3 primarily in the cancer cells while the stromal cells were largely negative for this protein.



Immunocytochemistry/Immunofluorescence: EGLN3/PHD3 Antibody TA309638 - EGLN3/PHD3 antibody was tested in HeLa cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red).