

Product datasheet for **TA309636**

PHD3 (EGLN3) Mouse Monoclonal Antibody [Clone ID: EG188e/d5]

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | EG188e/d5 |
| Applications: | IHC, Simple Western, WB |
| Recommended Dilution: | Immunohistochemistry: 1:400, Simple Western: 1:1000, Western Blot: 10 ug/ml, Immunohistochemistry-Paraffin: 1:400 |
| Reactivity: | Bovine, Human, Mouse, Primate, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Partial recombinant human PHD3 protein (UniProt accession number Q9H6Z9) |
| Formulation: | Tris-glycine, 150mM NaCl pH 7.5 and 0.05% Sodium Azide |
| Concentration: | lot specific |
| Purification: | Protein G 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 RatEntrez Gene 112407 MouseEntrez Gene 112399 Human Q9H6Z9 |
| Synonyms: | HIFP4H3; HIFPH3; PHD3 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Pathways in cancer, Renal cell carcinoma |

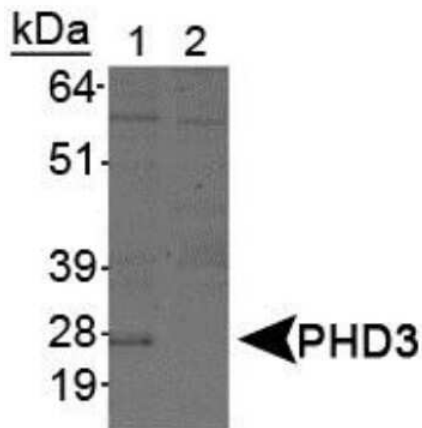


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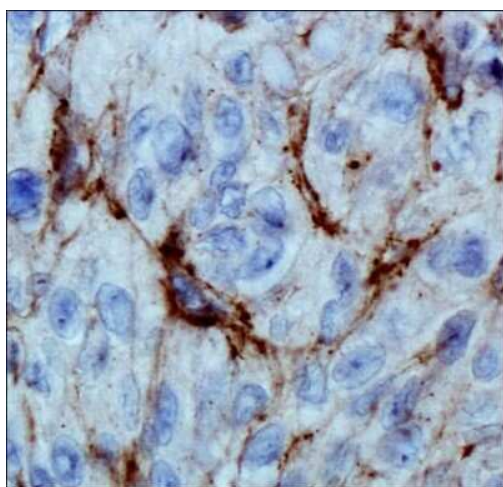
Product images:



Simple Western: EGLN3/PHD3 Antibody (EG188e/d5) TA309636 - Lane view shows a specific band for PHD3/HIF Prolyl Hydroxylase 3 in 0.5 mg/ml of Hypoxic HeLa lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Western Blot: EGLN3/PHD3 Antibody (EG188e/d5) TA309636 - Analysis of HIF Prolyl Hydroxylase 3 in (1) Cobalt chloride treated COS-7 nuclear extracts and (2) Untreated COS-7 nuclear extracts.



Immunohistochemistry: EGLN3/PHD3 Antibody (EG188e/d5) TA309636 - Analysis of HIF Prolyl Hydroxylase 3 in human renal cancer using DAB with hematoxylin counterstain.