

# Product Datasheet

## EGLN1/PHD2 Antibody (2445D) - Azide and BSA Free NBP2-80714

Unit Size: 0.1 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP2-80714**

EGLN1/PHD2 Antibody (2445D) - Azide and BSA Free

| Product Information     |                                                                                |
|-------------------------|--------------------------------------------------------------------------------|
| Unit Size               | 0.1 mg                                                                         |
| Concentration           | 1 mg/ml                                                                        |
| Storage                 | Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C. |
| Clonality               | Monoclonal                                                                     |
| Clone                   | 2445D                                                                          |
| Preservative            | No Preservative                                                                |
| Purity                  | Protein A or G purified                                                        |
| Buffer                  | PBS                                                                            |
| Target Molecular Weight | 46 kDa                                                                         |

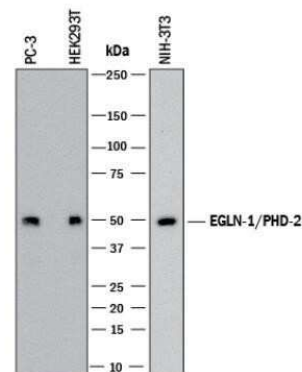
| Product Description |                                                                                                                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit EGLN1/PHD2 Antibody (2445D) - Azide and BSA Free (NBP2-78782) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                           |
| Gene ID             | 54583                                                                                                                                                                                                                            |
| Gene Symbol         | EGLN1                                                                                                                                                                                                                            |
| Species             | Human, Mouse                                                                                                                                                                                                                     |
| Immunogen           | This EGLN1/PHD2 antibody was developed against S. frugiperda insect ovarian cell line Sf 21-derived recombinant human EGLN1/PHD2 protein (amino acids 2-426) [UniProt #Q9QZT9].                                                  |

| Product Application Details |                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                   |
| Recommended Dilutions       | Western Blot 1 ug/mL, Immunohistochemistry 3 - 25 ug/mL, Immunohistochemistry-Paraffin 3 - 25 ug/mL |

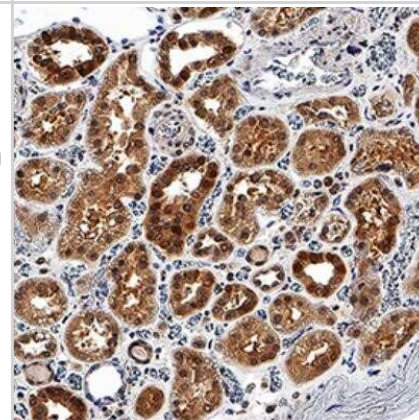


## Images

**Western Blot: EGLN1/PHD2 Antibody (2445D) - Azide and BSA Free [NBP2-80714]** - Western blot shows lysates of PC3 human prostate cancer cell line, HEK293T human embryonic kidney cell line, and NIH3T3 mouse embryonic fibroblast cell line. PVDF membrane was probed with 1 ug/mL of Rabbit Anti-Human/Mouse EGLN1/PHD2 Monoclonal Antibody (Catalog # NBP2-78782) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for EGLN1/PHD2 at approximately 50 kDa (as indicated). This experiment was conducted under reducing conditions. Image from the standard format of this antibody.



**Immunohistochemistry: EGLN1/PHD2 Antibody (2445D) - Azide and BSA Free [NBP2-80714]** - EGLN1/PHD2 was detected in immersion fixed paraffin-embedded sections of human kidney using Rabbit Anti-Human/Mouse EGLN1/PHD2 Monoclonal Antibody (Catalog # NBP2-78782) at 3 ug/mL for 1 hour at room temperature followed by incubation with an anti-rabbit secondary antibody.





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### **Products Related to NBP2-80714**

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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| H00054583-P01-10ug | Recombinant Human EGLN1/PHD2 GST (N-Term) Protein   |
| DVE00              | VEGF [HRP]                                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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