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# SHPRH Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58378

## Product Information

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|---|---|
| **Application** | WB, IHC-P, IHC-F, IF, E |
| **Primary Accession** | Q149N8 |
| **Reactivity** | Rat, Pig, Dog, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 193079 |

## Additional Information

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| **Gene ID** | 257218 |
| **Other Names** | E3 ubiquitin-protein ligase SHPRH, 2.3.2.27, 3.6.4.-, RING-type E3 ubiquitin transferase SHPRH, SNF2, histone-linker, PHD and RING finger domain-containing helicase, SHPRH, KIAA2023 |
| **Dilution** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | SHPRH ( HGNC:19336) |
| **Synonyms** | KIAA2023 |
| **Function** | E3 ubiquitin-protein ligase involved in DNA repair. Upon genotoxic stress, accepts ubiquitin from the UBE2N-UBE2V2 E2 complex and transfers it to 'Lys-164' of PCNA which had been monoubiquitinated by UBE2A/B-RAD18, promoting the formation of non-canonical poly- ubiquitin chains linked through 'Lys-63'. |
| **Tissue Location** | Broadly expressed.. |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.