

ARG44318 anti-SHPRH antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SHPRH
Tested Reactivity	Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SHPRH
Species	Mouse
Immunogen	Synthetic peptide
Conjugation	Un-conjugated
Alternate Names	SHPRH; SNF2 Histone Linker PHD RING Helicase; BA54515.2; KIAA2023; SNF2, Histone-Linker, PHD And RING Finger Domain-Containing Helicase; SNF2 Histone Linker PHD RING Helicase, E3 Ubiquitin Protein Ligase; RING-Type E3 Ubiquitin Transferase SHPRH; E3 Ubiquitin-Protein Ligase SHPRH; FLJ90837

Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1:500-1:1000</td></tr></tbody></table>	Application	Dilution	WB	1:500-1:1000
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WB	1:500-1:1000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

Properties

Form	Liquid
Purification	Antigen Affinity Purified
Buffer	PBS with 0.02% Sodium azide
Preservative	0.02% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	SHPRH
Gene Full Name	SNF2 Histone Linker PHD RING Helicase

Background	SHPRH is a ubiquitously expressed protein that contains motifs characteristics of several DNA repair proteins, transcription factors, and helicases. SHPRH is a functional homolog of <i>S. cerevisiae</i> RAD5.
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'.
Calculated Mw	193 kDa
PTM	Phosphoprotein