



SHPRH mouse mAb

Catalog No	BYmab-11592
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	SHPRH KIAA2023
Protein Name	SHPRH
Immunogen	Synthesized peptide derived from human SHPRH AA range: 9-59
Specificity	This antibody detects endogenous levels of SHPRH at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	nucleosome,nucleus,
Tissue Specificity	Broadly expressed.
Function	domain:The RING finger mediates E3 ubiquitin ligase activity.,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'. ,pathway:Protein modification; protein ubiquitination.,similarity:Belongs to the SNF2/RAD54 helicase family.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,similarity:Contains 1 histone H1 domain.,similarity:Contains 1 PHD-type zinc finger.,similarity:Contains 1 RING-type zinc finger.,subunit:Homodimer. Interacts with PCNA, UBE2N and RAD18.,tissue specificity:Broadly expressed.,

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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 (Unk et al., 2006 [PubMed 17108083]).[supplied by OMIM, Mar 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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