



SHPRH mouse mAb

Catalog No	YP-mAb-11592
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SHPRH KIAA2023
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA2023;SHPRH;SHPRH KIAA2023
Observed Band	
Calculated Molecular Weight	
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.,



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 *S. cerevisiae* RAD5 (Unk et al., 2006 [PubMed 17108083]) .[supplied by OMIM, Mar 2008],

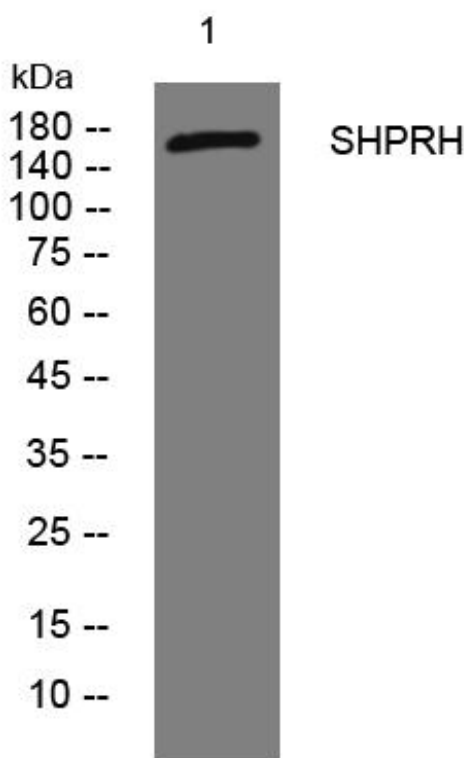
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using SHPRH mouse mAb