



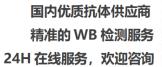
## **SMRCD** Polyclonal Antibody

Catalog No	BYab-06691	
Isotype	IgG	
Reactivity	Human;Rat;Mouse;	
Applications	WB;ELISA	
Gene Name	SMARCAD1 KIAA1122	
Protein Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1 (EC 3.6.4.12) (ATP-dependent helicase 1) (hHEL1)	
Immunogen	Synthesized peptide derived from part region of human protein	
Specificity	SMRCD Polyclonal Antibody detects endogenous levels of protein.	
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.	
Source	Polyclonal, Rabbit,IgG	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.	
Dilution	WB 1:500-2000 ELISA 1:5000-20000	
Concentration	1 mg/ml	
Purity	≥90%	
Storage Stability	-20°C/1 year	
Synonyms		
Observed Band	112kD	
Cell Pathway	Nucleus. Chromosome. Colocalizes with PCNA at replication forks during S phase. Recruited to double-strand breaks (DSBs) sites of DNA damage.	
Tissue Specificity	Isoform 1 is expressed ubiquitously. Isoform 3 is expressed mainly in skin and esophagus. Expressed in fibroblasts and keratinocytes (at protein level) (PubMed:29409814).	
Function	function:Probable ATP-dependent DNA helicase.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the SNF2/RAD54 helicase family.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,similarity:Contains 2 CUE domains.,tissue specificity:Ubiquitous.,	
Background	This gene encodes a member of the SNF subfamily of helicase proteins. The encoded protein plays a critical role in the restoration of heterochromatin organization and propagation of epigenetic patterns following DNA replication by mediating histone H3/H4 deacetylation. Mutations in this gene are associated with	
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	adermatoglyphia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011],
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

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