# SMRCD Rabbit pAb

CatalogNo: YN1824

## Key Features

**Host Species**
- Rabbit

**Reactivity**
- Human,Rat,Mouse,

**Applications**
- WB,ELISA

**MW**
- 112kD (Observed)

**Isotype**
- IgG

## Recommended Dilution Ratios

**WB 1:500-2000**
**ELISA 1:5000-20000**

## Storage

| | |
|---|---|
| **Storage*** | -15°C to -25°C/1 year(Do not lower than -25°C) |
| **Formulation** | Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide. |

## Basic Information

| | |
|---|---|
| **Clonality** | Polyclonal |

## Immunogen Information

| | |
|---|---|
| **Immunogen** | Synthesized peptide derived from part region of human protein |
| **Specificity** | SMRCD Polyclonal Antibody detects endogenous levels of protein. |

## Target Information

| | |
|---|---|
| **Gene name** | SMARCAD1 KIAA1122 |

| | Organism | Gene ID | UniProt ID |
|---|---|---|---|
| **Protein Name** SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1 (ATP-dependent helicase 1) (hHEL1) | | | |
| | Human | 56916; | Q9H4L7; |
| | Mouse | | Q04692; |
| | Rat | | D3Z9Z9; |

**Cellular Localization**  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.,

## | Validation Data

## | Contact information

Orders:       order@immunoway.com
Support:      tech@immunoway.com
Telephone:    877-594-3616 (Toll Free), 408-747-0185
Website:      http://www.immunoway.com
Address:      2200 Ringwood Ave San Jose, CA 95131 USA

Please scan the QR code to access additional product information: **SMRCD Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.        Antibody | ELISA Kits | Protein | Reagents