# ARH3 rabbit pAb

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| 货号 | YP-Ab-18067 |
| 同位型 | IgG |
| 应用 | WB |
| 种属 | Human;Mouse |
| 靶点 | ADPRS |
| 基因名称 | ADPRHL2 ARH3 |
| 蛋白名称 | Poly(ADP-ribose) glycohydrolase ARH3 (EC 3.2.1.143) (ADP-ribosylhydrolase 3) ([Protein ADP-ribosylarginine] hydrolase-like protein 2) |
| 免疫原 | Synthesized peptide derived from human ARH3 |
| 特异性 | This antibody detects endogenous levels of ARH3 at Human, Mouse |
| 组成 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| 来源 | Polyclonal, Rabbit,IgG |
| 稀释 | WB 1:500-2000 |
| 纯化工艺 | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| 分子量 | 40kD |
| 功能 | ADP-ribosylhydrolase that preferentially hydrolyzes the scissile alpha-O-linkage attached to the anomeric C1" position of ADP-ribose and acts on different substrates, such as proteins ADP-ribosylated on serine and threonine, free poly(ADP-ribose) and O-acetyl-ADP-D-ribose . Specifically acts as a serine mono-ADP-ribosylhydrolase by mediating the removal of mono-ADP-ribose attached to serine residues on proteins, thereby playing a key role in DNA damage response . Serine ADP-ribosylation of proteins constitutes the primary form of ADP-ribosylation of proteins in response to DNA damage . Does not hydrolyze ADP-ribosyl-arginine, -cysteine, -diphthamide, or -asparagine bonds . Also able to degrade protein free poly(ADP-ribose), which is synthesized in response to DNA damage: free poly(ADP-ribose) acts as a potent cell death signal and its degradation by ADPRHL2 protects cells from poly(ADP |
| 细胞定位 | Nucleus . Cytoplasm . Chromosome . Mitochondrion matrix . Recruited to DNA lesion regions following DNA damage; ADP-D-ribose-recognition is required for recruitment to DNA damage sites. . |
| 组织表达 | Ubiquitous (PubMed:16278211). Expressed in skin fibroblasts (PubMed:30830864). |
| 浓度 | 1 mg/ml |
| 储存 | -15°C to -25°C/1 year(Do not lower than -25°C) |
| 有关注意事项 | Avoid repeated freezing and thawing! |

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

## Products Images