



RNF2 rabbit pAb

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| 货号 | YP-Ab-18143 |
| 同位型 | IgG |
| 应用 | WB |
| 种属 | Human;Mouse;Rat |
| 靶点 | RNF2 |
| 基因名称 | RNF2 BAP1 DING HIP13 RING1B |
| 蛋白名称 | E3 ubiquitin-protein ligase RING2 (EC 6.3.2.-) (Huntingtin-interacting protein 2-interacting protein 3) (HIP2-interacting protein 3) (Protein DinG) (RING finger protein 1B) (RING1b) (RING finger prote |
| 免疫原 | Synthesized peptide derived from human RNF2 |
| 特异性 | This antibody detects endogenous levels of RNF2 at Human, Mouse,Rat |
| 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 | 37kD |
| 功能 | E3 ubiquitin-protein ligase that mediates monoubiquitination of 'Lys-119' of histone H2A (H2AK119Ub), thereby playing a central role in histone code and gene regulation . H2AK119Ub gives a specific tag for epigenetic transcriptional repression and participates in X chromosome inactivation of female mammals. May be involved in the initiation of both imprinted and random X inactivation (By similarity). Essential component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development . PcG PRC1 complex acts via chromatin remodeling and modification of histones, rendering chromatin heritably changed in its expressibility . E3 ubiquitin-protein ligase activity is enhanced by BMI1/PCGF4 . Acts as the main E3 ubiquitin ligase on histone H2A of the PRC1 complex, whi |
| 细胞定位 | Nucleus . Cytoplasm . Chromosome . Enriched on inactive X chromosome (Xi) in female trophoblast stem (TS) cells as well as differentiating embryonic stem (ES) cells. The enrichment on Xi is transient during TS and ES cell differentiation. The association with Xi is mitotically stable in non-differentiate |
| 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! |



使用建议

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

Products Images