

RNF41 antibody

Product Information

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| Catalog No.: | FNab07359 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.) |

Background

Acts as E3 ubiquitin-protein ligase and regulates the degradation of target proteins. Polyubiquitinates MYD88. Negatively regulates MYD88-dependent production of proinflammatory cytokines. Can promote TRIF-dependent production of type I interferon and inhibits infection with vesicular stomatitis virus(By similarity). Promotes also activation of TBK1 and IRF3. Involved in the ubiquitination of erythropoietin(EPO) and interleukin-3(IL-3) receptors. Thus, through maintaining basal levels of cytokine receptors, RNF41 is involved in the control of hematopoietic progenitor cell differentiation into myeloerythroid lineages(By similarity). Contributes to the maintenance of steady-state ERBB3 levels by mediating its growth factor-independent degradation. Involved in the degradation of the inhibitor of apoptosis BIRC6 and thus is an important regulator of cell death by promoting apoptosis. Acts also as a PARK2 modifier that accelerates its degradation, resulting in a reduction of PARK2 activity, influencing the balance of intracellular redox state. The RNF41-PARK2 pathway regulates autophagosome-lysosome fusion during late mitophagy. Mitophagy is a selective form of autophagy necessary for mitochondrial quality control(PubMed:24949970).

Immunogen information

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| Immunogen: | ring finger protein 41 |
| Synonyms: | E3 ubiquitin-protein ligase NRDP1 RING finger protein 41 RING-type E3 ubiquitin transferase NRDP1 RNF41 FLRF NRDP1 |
| Observed MW: | 36 kDa |
| Uniprot ID : | Q9H4P4 |

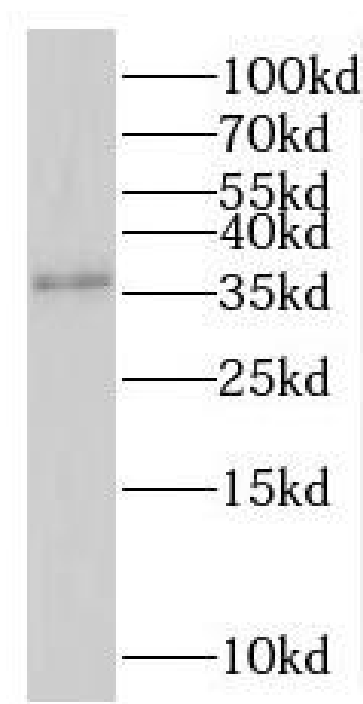
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



human testis tissue were subjected to SDS PAGE followed by western blot with FNab07359(RNF41 antibody) at dilution of 1:500