

## RNF41 antibody

### Product Information

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

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

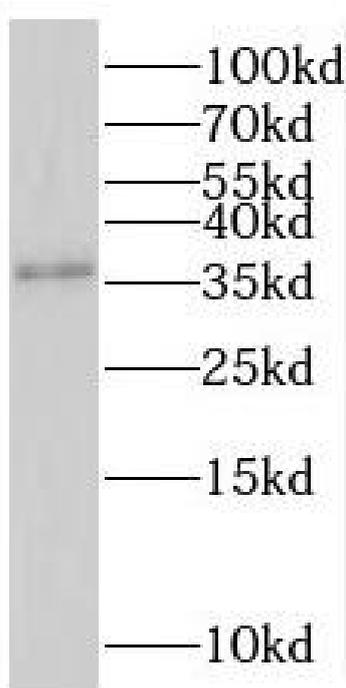
### Application

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