

# RNF6 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59170

## Product Information

---

<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q9Y252</a>
<b>Reactivity</b>	Rat, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	78091

## Additional Information

---

<b>Gene ID</b>	6049
<b>Other Names</b>	E3 ubiquitin-protein ligase RNF6, 2.3.2.27, RING-type E3 ubiquitin transferase RNF6, RNF6, SPG2
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:50-200, ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

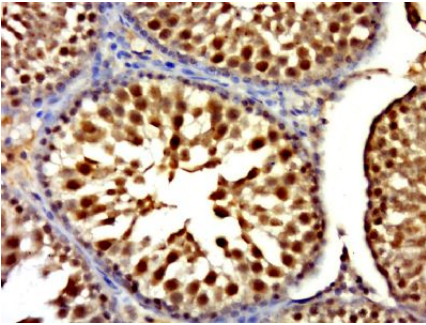
---

<b>Name</b>	RNF6 {ECO:0000303   PubMed:10331950, ECO:0000312   HGNC:HGNC:10069}
<b>Function</b>	E3 ubiquitin-protein ligase mediating 'Lys-48'-linked polyubiquitination of LIMK1 and its subsequent targeting to the proteasome for degradation (By similarity). Negatively regulates axonal outgrowth through regulation of the LIMK1 turnover (By similarity). Mediates 'Lys-6' and 'Lys-27'-linked polyubiquitination of AR/androgen receptor thereby modulating its transcriptional activity (PubMed: <a href="#">19345326</a> ). May also bind DNA and function as a transcriptional regulator (By similarity). Mediates polyubiquitination of KFI in macrophages, leading to its degradation (By similarity).
<b>Cellular Location</b>	Nucleus. Cytoplasm. Cell projection, axon {ECO:0000250   UniProtKB:Q9DBU5}. Nucleus, PML body {ECO:0000250   UniProtKB:Q9DBU5}. Note=Localizes to the PML nuclear bodies in Sertoli cells. {ECO:0000250   UniProtKB:Q9DBU5}
<b>Tissue Location</b>	Weakly expressed in peripheral blood, spleen, prostate, testis and ovary

(PubMed:19345326). According to a report, it is preferentially expressed in testis and ovary and hardly detected in other tissues (PubMed:18368307).

## Images

---



Paraformaldehyde-fixed, paraffin embedded (rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RNF6) Polyclonal Antibody, Unconjugated (AP59170) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.