10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RNF6 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59170

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9Y252
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78091

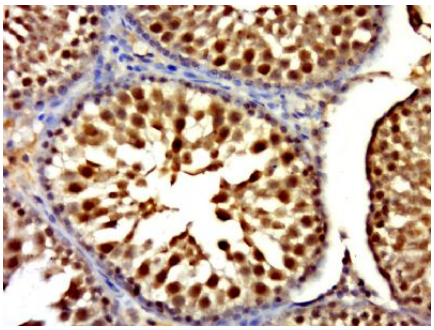
Additional Information

Gene ID	6049
Other Names	E3 ubiquitin-protein ligase RNF6, 2.3.2.27, RING-type E3 ubiquitin transferase RNF6, RNF6, SPG2
Dilution	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
Storage	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

Name	RNF6 {ECO:0000303|PubMed:10331950, ECO:0000312|HGNC:HGNC:10069}
Function	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:19345326). May also bind DNA and function as a transcriptional regulator (By similarity). Mediates polyubiquitination of QKI in macrophages, leading to its degradation (By similarity).
Cellular Location	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}
Tissue Location	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'.