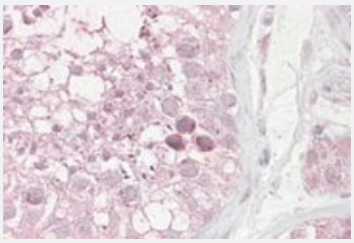
# TRIM69 polyclonal antibody

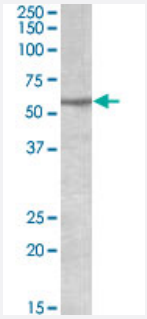
Catalog # PAB6364 Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

TRIM69 polyclonal antibody (Cat # PAB6364) (3.8 ug/mL) staining of paraffin embedded human testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.




### Western Blot (Tissue lysate)

TRIM69 polyclonal antibody (Cat # PAB6364)(0.5 ug/mL) staining of mouse testis lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

| | |
|---|---|
| **Product Description** | Goat polyclonal antibody raised against synthetic peptide of TRIM69. |
| **Immunogen** | A synthetic peptide corresponding to C-terminus of human TRIM69. |
| **Sequence** | C-GENKEPLHILHPQ |
| **Host** | Goat |
| **Theoretical MW (kDa)** | 57.3 |
| **Reactivity** | Human, Mouse |
| **Form** | Liquid |

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| | |
|---|---|
| **Purification** | Antigen affinity purification |
| **Concentration** | 0.5 mg/mL |
| **Recommend Usage** | ELISA (1:32000)<br>Western Blot (0.5-2 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2.5-3.8 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide) |
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  TRIM69 polyclonal antibody (Cat # PAB6364) (3.8 ug/mL) staining of paraffin embedded human testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Tissue lysate)

  TRIM69 polyclonal antibody (Cat # PAB6364)(0.5 ug/mL) staining of mouse testis lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Gene Info — TRIM69

| | |
|---|---|
| **Entrez GeneID** | 140691 |
| **Protein Accession#** | NP_892030.3;NP_542783.2 |
| **Gene Name** | TRIM69 |
| **Gene Alias** | HSD34, RNF36, Trif |
| **Gene Description** | tripartite motif-containing 69 |
| **Gene Ontology** | Hyperlink |

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| | |
|---|---|
| **Gene Summary** | This gene encodes a member of the RING-B-box-coiled-coil (RBCC) family and encodes a protein with an N-terminal RING finger motif, a PRY domain and a C-terminal SPRY domain. The mouse ortholog of this gene is specifically expressed in germ cells at the round spermatid stages during spermatogenesis and, when overexpressed, induces apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq |
| **Other Designations** | ring finger protein 36\|trimless\|tripartite motif protein 69 |

## Publication Reference

- A novel member of the RBCC family, Trif, expressed specifically in the spermatids of mouse testis.

  Shyu HW, Hsu SH, Hsieh-Li HM, Li H.

  Mechanisms of Development 2001 Oct; 108(1-2):213.

## Disease

- Genetic Predisposition to Disease
- Narcolepsy
- Tobacco Use Disorder

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