

For Research Use Only

# ANKRD49 Polyclonal antibody

Catalog Number: 25034-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 25034-1-AP	<b>GenBank Accession Number:</b> BC017798	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 54851	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>Full Name:</b> ankyrin repeat domain 49	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 239 aa, 27 kDa	
<b>Immunogen Catalog Number:</b> AG18295	<b>Observed MW:</b> 27-30 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse testis tissue, rat testis tissue
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	

## Background Information

Ankyrin repeat domain-containing protein 49 (ANKRD49), an evolutionarily conserved protein highly expressed in the testes, is mainly found in spermatogonia, spermatocytes, and round spermatids. ANKRD49 also participates in the progression of malignant gliomas and gastric cancer in humans. (PMID: 37964204, PMID: 30798416)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yue-Hua Liu	35775112	J Cell Mol Med	WB,IHC
Xin-Yang Li	35639405	Appl Immunohistochem Mol Morphol	WB
Jia Sun	37964204	BMC Cancer	WB,IHC

## Storage

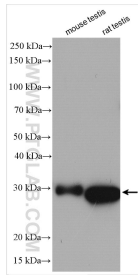
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25034-1-AP (ANKRD49 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.