

For Research Use Only

# ANKRD49 Polyclonal antibody

Catalog Number: 25034-1-AP

3 Publications



## Basic Information

Catalog Number:

25034-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18295

GenBank Accession Number:

BC017798

GeneID (NCBI):

54851

UNIPROT ID:

Q8WVL7

Full Name:

ankyrin repeat domain 49

Calculated MW:

239 aa, 27 kDa

Observed MW:

27-30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : mouse testis tissue, rat testis tissue

## 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

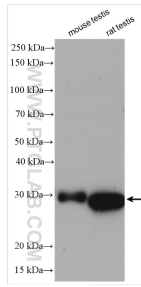
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## Selected Validation Data



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.