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Datasheet for ABIN7153697  
**anti-MIOS antibody (AA 1-237)**

1 Image

### Overview

Quantity:	100 µL
Target:	MIOS
Binding Specificity:	AA 1-237
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIOS antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Recombinant Human GATOR complex protein MIOS protein (1-237AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

### Target Details

Target:	MIOS
Alternative Name:	MIOS ( <a href="#">MIOS Products</a> )
Background:	Background: As a component of the GATOR subcomplex GATOR2, functions within the amino acid-sensing branch of the TORC1 signaling pathway. Indirectly activates mTORC1 and the

## Target Details

TORC1 signaling pathway through the inhibition of the GATOR1 subcomplex (PubMed:23723238). It is negatively regulated by the upstream amino acid sensors SESN2 and CASTOR1 (PubMed:25457612, PubMed:27487210).

Aliases: MIOS antibody, GATOR complex protein MIOS antibody, Missing oocyte meiosis regulator homolog antibody

UniProt: [Q9NXC5](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

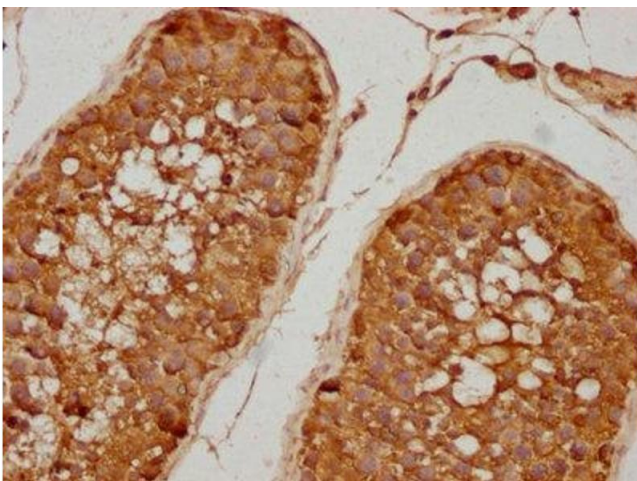
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Immunohistochemistry

**Image 1.** IHC image of ABIN7153697 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and

visualized using an HRP conjugated SP system.