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Datasheet for ABIN7153700
anti-MIOS antibody (AA 1-237) (HRP)

Overview

Quantity:	100 µL
Target:	MIOS
Binding Specificity:	AA 1-237
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIOS antibody is conjugated to HRP
Application:	ELISA

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 (MIOS Products)
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: Optimal working dilution should be determined by the investigator.

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.
