

MIOS Rabbit pAb

Catalog No.: A18260

Basic Information

Observed MW

100-102kDa

Calculated MW

99kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

Involved in cellular response to amino acid starvation; positive regulation of TOR signaling; and protein-containing complex localization. Located in several cellular components, including cytosol; lysosomal membrane; and nucleoplasm. Part of GATOR2 complex.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

54468

Swiss Prot

Q9NXC5

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 556-875 of human MIOS (NP_061878.3).

Synonyms

MIO; Sea4; Yulink; MIOS

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

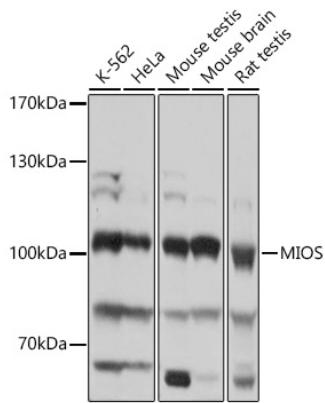
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using MIOS Rabbit pAb (A18260) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.