

Anti-MLN64 Polyclonal Antibody

CATALOG #: 3520-100

AMOUNT: 100 µg

LOT #: _____

HOST: Rabbit

FORMULATION:

100 µg (0.5 mg/ml) purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% sodium azide.

SPECIES REACTIVITY: rat

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

MLN64 is a 445-amino acid protein. Bacterially expressed N-218 MLN64 exerts StAR (steroidogenic acute regulatory)-like activity to promote the transfer of cholesterol from the outer to inner mitochondrial membrane in vitro. The presence of a protease-resistant domain and a protease-sensitive carboxy-terminal domain in N-218 MLN64 is similar to the organization of StAR. However, as MLN64 never enters the mitochondria, the protease-resistant domain of MLN64 cannot be a mitochondrial pause-transfer sequence, as has been proposed for StAR.

SPECIFICITY:

The antibody recognizes rat MLN64. Cross-reactivity to other species has not been determined.

APPLICATION:

The antibody can be used in Western blotting (1-2 µg/ml). However, the optimal concentrations should be determined individually.

USAGE: For Research Use Only. Not to be used in human.

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