

For Research Use Only

JKAMP Polyclonal antibody, PBS Only

Catalog Number:33929-1-PBS



Basic Information

Catalog Number:

33929-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG40886

GenBank Accession Number:

BC010359

GeneID (NCBI):

51528

UNIPROT ID:

Q9P055

Full Name:

chromosome 14 open reading frame 100

Calculated MW:

311 aa, 35 kDa

Observed MW:

33 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

JKAMP (JNK1/MAPK8-Associated Membrane Protein) is a multi-pass transmembrane protein primarily found in the endoplasmic reticulum (ER) and plasma membrane. JKAMP plays a critical role in cellular stress responses by regulating the duration of JNK1 (MAPK8) activity. It competes with phosphatases like MKP5 to sustain JNK1 signaling, thereby influencing stress-induced apoptosis. Additionally, JKAMP is involved in the ubiquitin-dependent ER-associated degradation (ERAD) pathway, helping to degrade misfolded ER proteins by recruiting proteasomal components.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

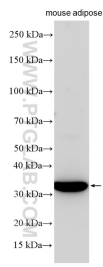
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33929-1-AP (JKAMP antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33929-1-PBS in a different storage buffer formulation.