

For Research Use Only

JKAMP Polyclonal antibody

Catalog Number:33929-1-AP



Basic Information

Catalog Number:

33929-1-AP

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

Recommended Dilutions:

WB: 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse adipose tissue,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

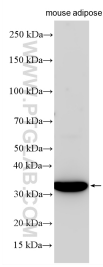
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.