

For Research Use Only

BNIP3L Polyclonal antibody

Catalog Number: 29848-1-AP



Basic Information

Catalog Number:

29848-1-AP

Size:

150ul , Concentration: 930 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31514

GenBank Accession Number:

BC001559

GeneID (NCBI):

665

UNIPROT ID:

O60238

Full Name:

BCL2/adenovirus E1B 19kDa interacting protein 3-like

Calculated MW:

24 kDa

Observed MW:

35-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, K-562 cells, mouse brain cells

Background Information

BNIP3L (also known as NIX) is a mitochondrial outer-membrane protein that belongs to the BH3-only subgroup of the BCL-2 family. Initially identified as a weak pro-apoptotic factor, it has emerged as a key mitophagy receptor that bridges damaged or surplus mitochondria to the autophagosome, thereby safeguarding mitochondrial quality and cellular homeostasis.

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

*** 20ul sizes contain 0.1% BSA

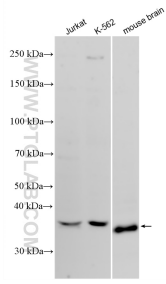
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29848-1-AP (BNIP3L antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.