

For Research Use Only

IRAK2 Polyclonal antibody

Catalog Number: 28200-1-AP



Basic Information

Catalog Number:

28200-1-AP

Size:

150ul, Concentration: 450 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28179

GenBank Accession Number:

BC125184

GeneID (NCBI):

3656

UNIPROT ID:

O43187

Full Name:

interleukin-1 receptor-associated kinase 2

Calculated MW:

625 aa, 69 kDa

Observed MW:

69 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: mouse kidney tissue, mouse spleen tissue, rat kidney tissue, rat spleen tissue

Background Information

IRAK2 (Interleukin-1 receptor-associated kinase 2) is a crucial protein involved in innate immune signaling and has diverse roles in various biological processes. IRAK2 belongs to the IRAK family of proteins, which share an N-terminal death domain (DD) that enables interactions with the DD-containing MyD88, and a central kinase domain (KD) (PMID: 24973222). IRAK2 has been implicated in various cancers. It is highly expressed in pancreatic cancer patients and is associated with poor prognosis. IRAK2 knockdown impairs pancreatic cancer cell proliferation (PMID: 37108068).

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

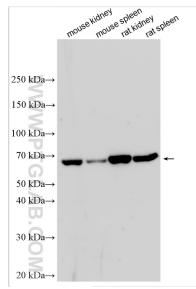
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28200-1-AP (IRAK2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.