

DUSP14 Polyclonal antibody

Catalog Number: 10172-2-AP

Basic Information

Catalog Number:

10172-2-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0228

GenBank Accession Number:

BC004448

GeneID (NCBI):

11072

UNIPROT ID:

O95147

Full Name:

dual specificity phosphatase 14

Calculated MW:

22 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse, rat

Background Information

In addition to antigen recognition by the T-cell receptor, T-cell activation requires a second signal from a costimulator receptor, such as CD28. CD28 costimulation induces transcription of interleukin-2 and stabilizes newly synthesized IL2 through the activation of mitogen-activated protein kinases (MAPKs), such as ERK and JNK, and the subsequent creation of AP1 transcription factor. DUSP14/ MAP kinase phosphatase-6 (MKP6) is a negative regulator of CD28

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

