

MOS Polyclonal antibody

Catalog Number: 26454-1-AP

Basic Information

Catalog Number:

26454-1-AP

Size:

100 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24585

GenBank Accession Number:

BC069569

GeneID (NCBI):

4342

UNIPROT ID:

P00540

Full Name:

v-mos Moloney murine sarcoma viral
oncogene homolog

Calculated MW:

346 aa, 38 kDa

Observed MW:

34-38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Species Specificity:

human

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : A549 cells, HeLa cells, HEK-293 cells, Jurkat cells

IHC : human liver tissue,

IF/ICC : HeLa cells,

Background Information

Mos is a germ cell-specific serine/threonine protein kinase, can induce oncogenic transformation of somatic cells by direct phosphorylation of MAP kinase/ERK kinase (MEK1), activating the mitogen-activated protein kinases ERK1 and ERK2.

Storage

Storage:

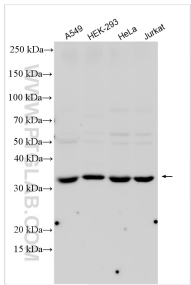
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

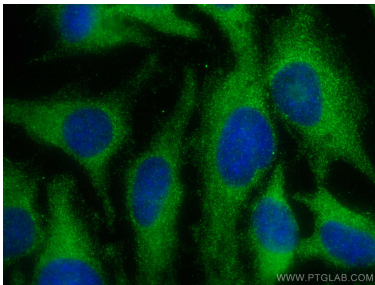
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26454-1-AP (MOS antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using MOS antibody (26454-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26454-1-AP (MOS Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26454-1-AP (MOS Antibody) at dilution of 1:200 (under 40x lens).