

For Research Use Only

MOS Polyclonal antibody

Catalog Number: 26454-1-AP



Basic Information

Catalog Number: 26454-1-AP	GenBank Accession Number: BC069569	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 100 ug/ml by Nanodrop;	GeneID (NCBI): 4342	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: P00540	
Isotype: IgG	Full Name: v-mos Moloney murine sarcoma viral oncogene homolog	
Immunogen Catalog Number: AG24585	Calculated MW: 346 aa, 38 kDa	
	Observed MW: 34-38 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, HeLa cells, HEK-293 cells, Jurkat cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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

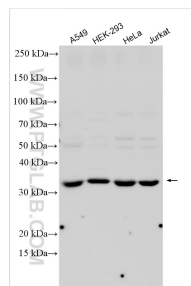
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

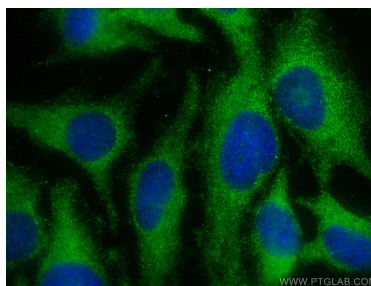
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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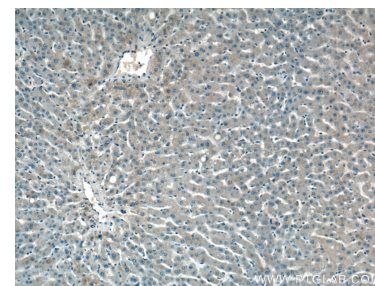
Selected Validation Data



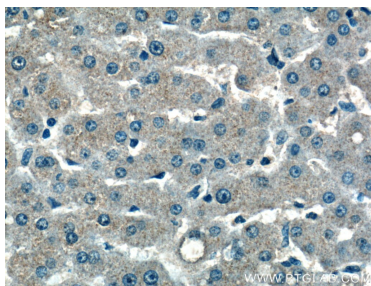
Various lysates were subjected to SDS PAGE followed by western blot with 26454-1-AP (MOS antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using MOS antibody (26454-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated 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).