For Research Use Only

MYEOV Polyclonal antibody

Catalog Number:11151-1-AP 4 Publications

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Basic Information

Catalog Number:
11151-1-AP

Size:
400 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG1498

GenBank Accession Number:
BC011815

GeneID (NCBI):
26579

UNIPROT ID:
Q96EZ4

Full Name:
myeloma overexpressed (in a subset of t(11;14) positive multiple myelomas)

Calculated MW:
33 kDa

Observed MW:
55-60 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IHC 1:50-1:500

Applications

Tested Applications:
IHC, WB,ELISA

Cited Applications:
WB, IHC

Species Specificity:
human

Cited Species:
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 : SGC-7901 cells, Jurkat cells

IHC : human liver tissue,

Background Information

MYEOV, also named as OCIM, was originally isolated by the application of the NIH/3T3 tumorigenicity assay with DNA from a gastric carcinoma. It is a prognostic factor for patients with multiple myeloma, in part through a role of MYEOV in the control of MMC proliferation. MYEOV is a candidate oncogene activated in the amplification core located proximal toCCND1. The observed MW of this protein is 55 kDa(PMID: 20854874).

Notable Publications

Author	Pubmed ID	Journal	Application
Yu Chen	36358856	Cancers (Basel)	WB
Rui Tang	32420813	Cell Cycle	IHC
Guangyu Chen	37434012	Cell Oncol (Dordr)	IHC

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

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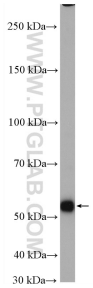
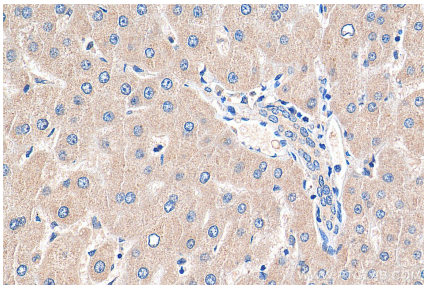
Selected Validation Data



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 11151-1-AP (MYEOV antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11151-1-AP (MYEOV antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).