

For Research Use Only

EMC7/C15orf24 Polyclonal antibody

Catalog Number: 27550-1-AP

3 Publications



Basic Information

Catalog Number:

27550-1-AP

Size:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26784

GenBank Accession Number:

BC104934

GeneID (NCBI):

56851

UNIPROT ID:

Q9NPA0

Full Name:

chromosome 15 open reading frame

24

Observed MW:

20-26 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

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: HeLa cells, HepG2 cells

IHC: human intrahepatic cholangiocarcinoma tissue, human ovary cancer tissue

Background Information

The mammalian ER membrane complex (EMC) is composed of 10 subunits, EMC 1-10. Endoplasmic reticulum membrane protein complex subunit 7 (EMC7, also named C15orf24) is part of the endoplasmic reticulum membrane protein complex (EMC) that enables the energy-independent insertion into endoplasmic reticulum membranes of newly synthesized membrane proteins.

Notable Publications

Author	Pubmed ID	Journal	Application
John P O'Donnell	32459176	Elife	WB
Katharine R Page	38076791	bioRxiv	WB
Tino Pleiner	37199759	J Cell Biol	WB

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:

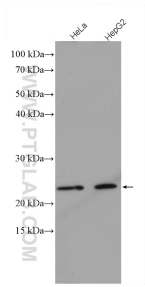
T: 4006900926

E: Proteintech-CN@ptglab.com

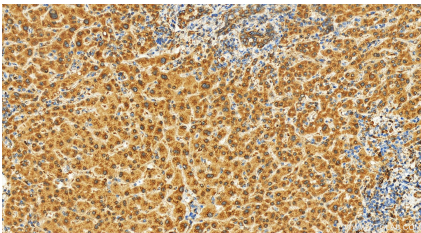
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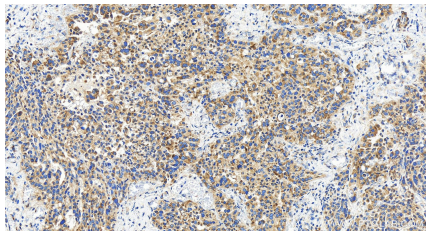
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27550-1-AP (C15orf24 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 27550-1-AP (EMC7/C15orf24 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 27550-1-AP (EMC7/C15orf24 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).