

For Research Use Only

# ESYT2 Polyclonal antibody

Catalog Number: 24385-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

24385-1-AP

### Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 500 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20420

### GenBank Accession Number:

BC013957

### GeneID (NCBI):

57488

### UNIPROT ID:

A0FGR8

### Full Name:

family with sequence similarity 62 (C2 domain containing) member B

### Calculated MW:

921 aa, 102 kDa

### Observed MW:

90-100 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:16000

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 : K-562 cells, HeLa cells, LNCaP cells

IHC : human intrahepatic cholangiocarcinoma tissue,

## Background Information

ESYT2, also named FAM62B, one of the three-member family of Extended Synaptotagmins that were recently shown to be implicated in the formation of endoplasmic reticulum (ER)-plasma membrane (PM) junctions and in the Ca<sup>2+</sup> dependent regulation of these junctions.

## Notable Publications

Author	Pubmed ID	Journal	Application
Arsila P. K. Ashraf	36200035	Front Cell Dev 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

\*\*\* 20ul sizes contain 0.1% BSA

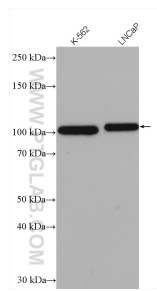
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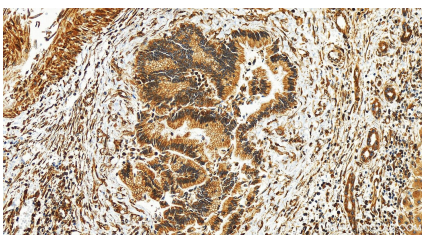
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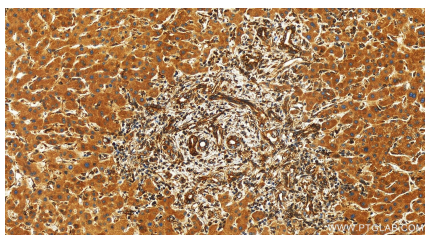
Selected Validation Data



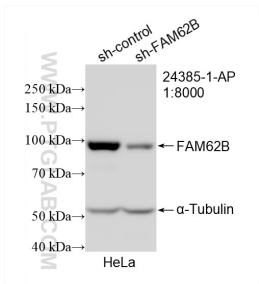
Various lysates were subjected to SDS PAGE followed by western blot with 24385-1-AP (FAM62B antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 24385-1-AP (ESYT2 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 intrahepatic cholangiocarcinoma tissue slide using 24385-1-AP (ESYT2 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of FAM62B antibody (24385-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FAM62B transfected HeLa cells.