

For Research Use Only

# DSE Polyclonal antibody

Catalog Number: 10452-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 10452-1-AP	<b>GenBank Accession Number:</b> BC039245	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 350 µg/ml	<b>GeneID (NCBI):</b> 29940	<b>Recommended Dilutions:</b> IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UL01	
<b>Isotype:</b> IgG	<b>Full Name:</b> dermatan sulfate epimerase	
<b>Immunogen Catalog Number:</b> AG0695	<b>Calculated MW:</b> 958 aa, 110 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human liver cancer tissue,
<b>Cited Applications:</b> IF, IHC	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

DSE, also named as SART2 and DSEPI, is an enzyme that converts D-glucuronic acid to L-iduronic acid residues in dermatan sulphate biosynthesis. It is also identified to be a tumour-associated antigen. DSE is recognized by cytotoxic T cells (CTLs) and its enhanced expression in many cancers has been reported. DSE is a potential candidate for a tumour antigen with immunogenicity.

## Notable Publications

Author	Pubmed ID	Journal	Application
Mizukoshi Eishiro E	22830596	Liver Int	IHC, IF

## 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:

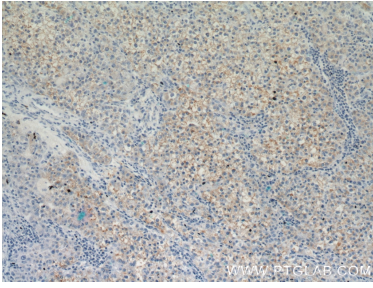
T: 4006900926

E: Proteintech-CN@ptglab.com

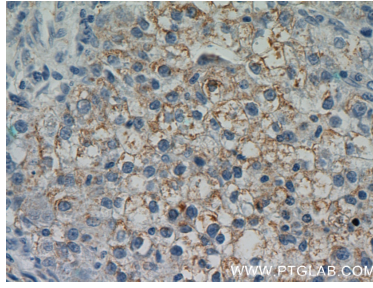
W: ptgcn.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer using 10452-1-AP (DSE antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 10452-1-AP (DSE antibody) at dilution of 1:50 (under 40x lens).