

DSE Polyclonal antibody

Catalog Number: 10452-1-AP

1 Publications

Basic Information

Catalog Number:

10452-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0695

GenBank Accession Number:

BC039245

GeneID (NCBI):

29940

UNIPROT ID:

Q9UL01

Full Name:

dermatan sulfate epimerase

Calculated MW:

958 aa, 110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

IF, IHC

Species Specificity:

human

Cited Species:

human

Positive Controls:

IHC : human ovary tumor tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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

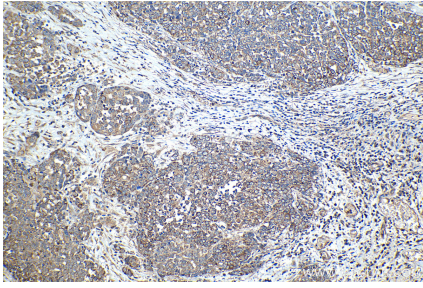
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10452-1-AP (DSE antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).