

SLC43A3 Polyclonal antibody

Catalog Number: 20131-1-AP

Basic Information

Catalog Number: 20131-1-AP	GenBank Accession Number: BC003163	Purification Method: Antigen affinity purification
Size: 550 ug/ml	GeneID (NCBI): 29015	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8NBI5	
Isotype: IgG	Full Name: solute carrier family 43, member 3	
Immunogen Catalog Number: AG13999	Calculated MW: 491 aa, 55 kDa Observed MW: 55 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : HL-60 cells, MCF-7 cells IHC : human ovary cancer tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

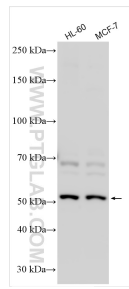
Background Information

Sodium-independent purine-selective nucleobase transporter (SLC43A3), also called as equilibrative nucleobase transporter 1 (ENBT1), is a nucleobase transporter involved in purine salvage pathways in mammals, which mediates the equilibrative transport of extracellular purine nucleobases such as adenine, guanine and hypoxanthine. (PubMed:26455426, PubMed:32339528) It has been found that it may regulate the transport of fatty acids (FA) in fat cells, as a positive regulator of FA efflux and as a negative regulator of FA uptake. (PMID: 32217606)

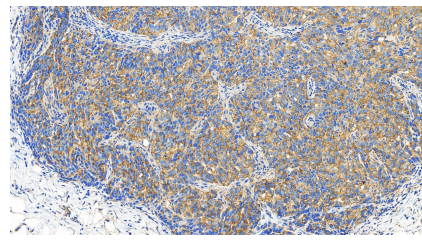
Storage

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20131-1-AP (SLC43A3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 20131-1-AP (SLC43A3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).