

For Research Use Only

B4GALNT2 Polyclonal antibody

Catalog Number: 24024-1-AP



Basic Information

Catalog Number: 24024-1-AP	GenBank Accession Number: BC113677	Purification Method: Antigen Affinity purified
Size: 150UL, Concentration: 850 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 124872	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	Full Name: beta-1,4-N-acetyl-galactosaminyl transferase 2	
Isotype: IgG	Calculated MW: 566 aa, 63 kDa	
Immunogen Catalog Number: AG21166	Observed MW: 65 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : Jurkat cells, COLO 320 cells IHC : human colon cancer tissue, human colon tissue
Species Specificity: human	
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

B4GALNT2, also named as GALGT2, catalyzes the last step in the biosynthesis of the human Sd(a) antigen, which is found on more than 90% of Caucasian red blood cells. It also catalyzes the last step in the biosynthesis of the Cad antigen, which is related both serologically and biochemically to the Sd(a) antigen. B4GALNT2 transfers a beta-1,4-linked GalNAc to the galactose residue of an alpha-2,3-sialylated chain. This antibody detects the 55-65 kDa B4GALNT2 protein.

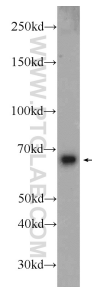
Storage

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

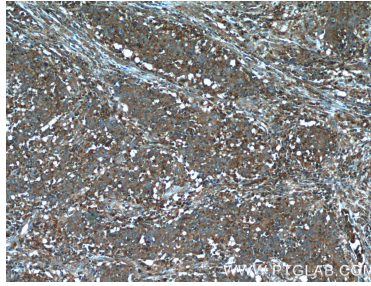
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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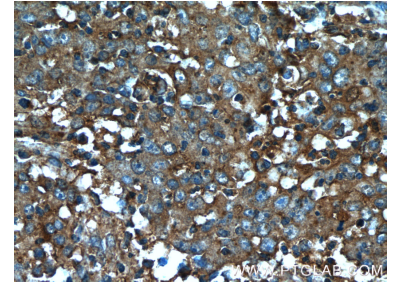
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 24024-1-AP (B4GALNT2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24024-1-AP (B4GALNT2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24024-1-AP (B4GALNT2 Antibody) at dilution of 1:50 (under 40x lens).