

For Research Use Only

BTN2A1 Recombinant antibody

Catalog Number: 84550-2-RR



Basic Information

Catalog Number: 84550-2-RR	GenBank Accession Number: BC016661	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 11120	CloneNo.: 241540H7
Source: Rabbit	UNIPROT ID: Q7KYR7	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: butyrophilin, subfamily 2, member A1	
	Calculated MW: 60 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, Jurkat cells, NCCIT cells, LNCaP cells
Species Specificity: human	

Background Information

BTN2A1, also named as BT2.1, BTF 1 is a 527 amino acid protein, which belongs to the immunoglobulin superfamily. BTN2A1 is highly expressed in brain, bone marrow, small intestine, muscle, spleen and pancreas and moderate expression was seen in lung, liver and kidney. The calculated molecular weight of BTN2A1 is 59 kDa, but glycosylation of BTN2A1 is about 65-69 kDa. (PMID: 17785817)

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

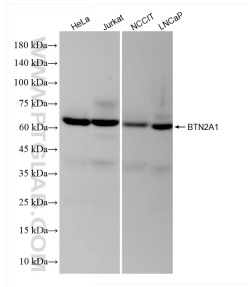
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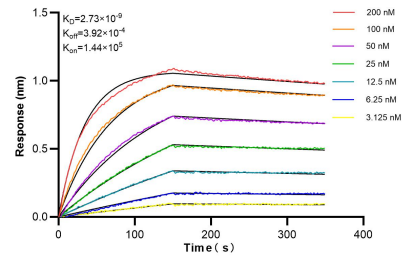
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84550-2-RR (BTN2A1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biacore BLI kinetic assays of 84550-2-RR against Human BTN2A1 were performed. The affinity constant is 2.73 nM.