

For Research Use Only

MYST2 Recombinant antibody

Catalog Number: 86486-1-RR



Basic Information

Catalog Number: 86486-1-RR	GenBank Accession Number: BC032640	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 11143	CloneNo.: 251386C9
Source: Rabbit	UNIPROT ID: O95251	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: MYST histone acetyltransferase 2	
Immunogen Catalog Number: AG4693	Calculated MW: 611 aa, 71 kDa	
	Observed MW: 71-75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, HeLa cells, Jurkat cells, MOLT-4 cells, NIH/3T3 cells
Species Specificity: human, mouse	

Background Information

MYST2, also named as HBO1, HBOa MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2, belongs to the MYST (SAS/MOZ) family. It specifically represses AR mediated transcription. MYST2 is a candidate oncogene. It enhances the anchorage-independent growth of breast cancer cells.(PMID:19372580) MYST2 is a histone acetyltransferase (HAT) which could exert oncogenic function in breast cancer. It is an important downstream molecule of ERα, and ERK1/2 signaling pathway may involved in the expression of HBO1 increased by E2.

Storage

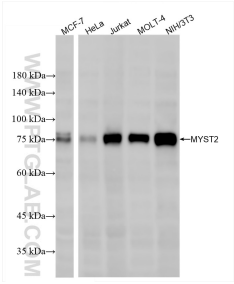
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

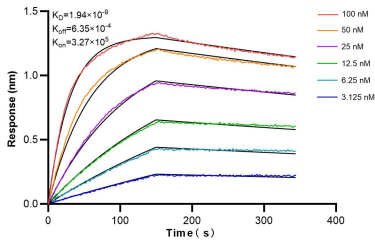
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86486-1-RR (MYST2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86486-1-RR against Human MYST2 were performed. The affinity constant is 1.94 nM.