

For Research Use Only

# RNASET2 Recombinant antibody

Catalog Number:83650-1-RR



## Basic Information

<b>Catalog Number:</b> 83650-1-RR	<b>GenBank Accession Number:</b> BC039713	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8635	<b>CloneNo.:</b> 240581C4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O00584	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> ribonuclease T2	
<b>Immunogen Catalog Number:</b> AG28353	<b>Calculated MW:</b> 256 aa, 29 kDa	
	<b>Observed MW:</b> 25-45 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells, HL-60 cells, THP-1 cells
<b>Species Specificity:</b> human	

## Background Information

RNASET2(Ribonuclease T2) is also named as RNASE6PL(Ribonuclease 6) and belongs to the RNase T2 family. It is a unique member of the growing family of tumor-antagonizing genes and behaves as a class II tumor suppressor and abolish the tumorigenic potential of an ovarian cancer-derived cell line. This protein has 2 isoforms produced by alternative splicing. Both mildly glycosylated (ranging from 38 to 45 kDa) and highly glycosylated forms (ranging from 50 to 80 kDa) of human tumor suppressor protein RNASET2 can be detected in immunoblotting in P. Pastoris(PMID: 21446958).

## 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

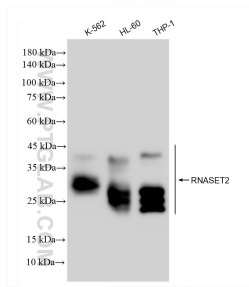
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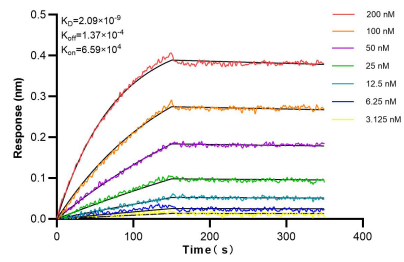
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83650-1-RR (RNASET2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83650-1-RR against Human RNASET2 were performed. The affinity constant is 2.09 nM.