

For Research Use Only

PADI2 Recombinant antibody

Catalog Number:83868-1-RR



Basic Information

Catalog Number: 83868-1-RR	GenBank Accession Number: BC009701	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 11240	CloneNo.: 240763C5
Source: Rabbit	UNIPROT ID: Q9Y2J8	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: peptidyl arginine deiminase, type II	
Immunogen Catalog Number: AG17612	Calculated MW: 665 aa, 75 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : MCF-7 cells, HL-60 cells, mouse brain tissue, rat brain tissue

Background Information

PADI2, also named KIAA0994, PDI2, PAD-H19, and PAD2(Peptidylarginine deiminase II), belongs to the protein arginine deiminase family. It catalyzes the deimination of arginine residues of proteins. PADI2 may play a regulatory role in the expression of lactation-related genes via histone citrullination during diestrus (PMID:20668670).

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

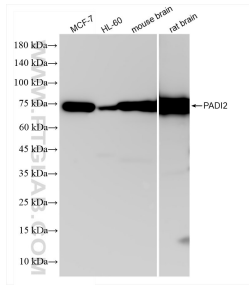
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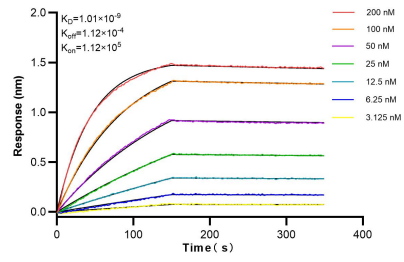
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83868-1-RR (PADI2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83868-1-RR against Human PADI2 were performed. The affinity constant is 1.01 nM.