

For Research Use Only

AES Recombinant antibody

Catalog Number: 83878-5-RR



Basic Information

Catalog Number: 83878-5-RR	GenBank Accession Number: BC113735	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 166	CloneNo.: 240987D9
Source: Rabbit	UNIPROT ID: Q08117	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: amino-terminal enhancer of split	
Immunogen Catalog Number: AG21021	Calculated MW: 264 aa, 29 kDa	
	Observed MW: 22-29 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HEK-293 cells, K-562 cells, DU 145 cells, MDA-MB-231 cells, NIH/3T3 cells, mouse skeletal muscle tissue, rat skeletal muscle tissue

Background Information

Amino-terminal enhancer of split (AES), belongs to the groucho/TLE family of proteins, can function as a homooligomer or as a heterooligomer with other family members in order to forcefully repress the expression of other family member genes. AES can repress NFkB-regulated gene expression and is believed to have a significant role in initiating and maintaining cell differentiation events. AES has been found to suppress local invasion and intravasation through inhibition of the Notch pathway, leading to preventing the metastatic spread of endogenous tumors (PMID: 33754069).

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

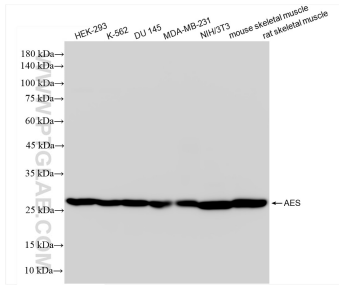
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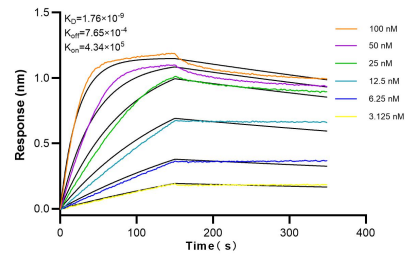
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83878-5-RR (AES antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83878-5-RR against Human AES were performed. The affinity constant is 1.76 nM.