For Research Use Only

AES Polyclonal antibody

Catalog Number:23913-1-AP

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Basic Information

Catalog Number:
23913-1-AP

Size:
150ul , Concentration: 300 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG21021

GenBank Accession Number:
BC113735

GeneID (NCBI):
166

UNIPROT ID:
Q08117

Full Name:
amino-terminal enhancer of split

Calculated MW:
264 aa, 29 kDa

Observed MW:
22-29 kDa

Purification Method:
Antigen Affinity purified

Recommended Dilutions:
WB 1:500-1:2000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : DU 145 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 heteroologimer 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**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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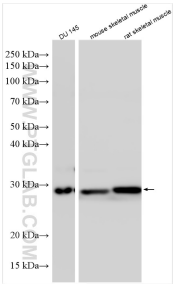
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23913-1-AP (AES antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.