

AES / Groucho Antibody (C-Terminus)

Rabbit Polyclonal Antibody Catalog # ALS11373

Specification

AES / Groucho Antibody (C-Terminus) - Product Information

Application Primary Accession Reactivity Host

Clonality Calculated MW

Dilution

WB, IHC-P, IF, ICC

Q08117

Human, Mouse, Rat

Rabbit
Polyclonal
22kDa KDa
WB~~1:1000
IHC-P~~N/A
IF~~1:50~200

ICC~~N/A

AES / Groucho Antibody (C-Terminus) - Additional Information

Gene ID 166

Other Names

Amino-terminal enhancer of split, Amino enhancer of split, Gp130-associated protein GAM, Grg-5, Groucho-related protein 5, Protein ESP1, Protein GRG, AES, GRG, GRG5

Target/Specificity

16 amino acid peptide from near the carboxy terminus of human AES

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

AES / Groucho Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

AES / Groucho Antibody (C-Terminus) - Protein Information

Name TLE5 (HGNC:307)

Synonyms AES, GRG, GRG5

Function

Transcriptional corepressor. Acts as a dominant repressor towards other family members. Inhibits NF-kappa-B-regulated gene expression. May be required for the initiation and maintenance of the differentiated state. Essential for the transcriptional repressor activity of SIX3 during retina and lens development.

Cellular Location



Nucleus.

Tissue Location

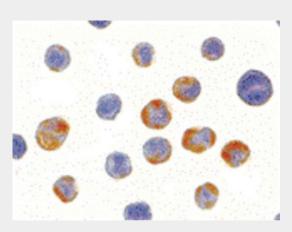
Found predominantly in muscle, heart and Placenta. In fetal tissues, abundantly expressed in the heart, lung, kidney, brain and liver

AES / Groucho Antibody (C-Terminus) - Protocols

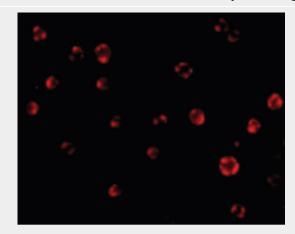
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

AES / Groucho Antibody (C-Terminus) - Images

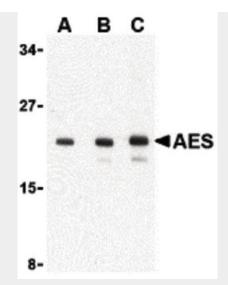


Immunocytochemistry of AES in HeLa cells with AES antibody at 10 ug/ml.

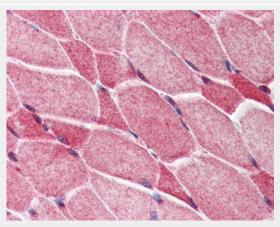


Immunofluorescence of AES in HeLa cells with AES antibody at 20 ug/ml.





Western blot of AES in 293 cell lysate with AES antibody at (A) 1, (B) 2 and (C) 4 ug/ml.



Anti-AES antibody IHC of human skeletal muscle.

AES / Groucho Antibody (C-Terminus) - Background

Transcriptional corepressor. Acts as dominant repressor towards other family members. Inhibits NF-kappa-B-regulated gene expression. May be required for the initiation and maintenance of the differentiated state. Essential for the transcriptional repressor activity of SIX3 during retina and lens development.

AES / Groucho Antibody (C-Terminus) - References

Scala L.A., et al. Submitted (DEC-1993) to the EMBL/GenBank/DDBJ databases. Hou E.W., et al. DNA Cell Biol. 17:911-913(1998). Liu Y., et al. Zhonghua Wei Sheng Wu Xue He Mian Yi Xue Za Zhi 18:106-110(1998). Ota T., et al. Nat. Genet. 36:40-45(2004). Grimwood J., et al. Nature 428:529-535(2004).