

AES Antibody (N-Term)

Peptide-affinity purified goat antibody Catalog # AF3556a

Specification

AES Antibody (N-Term) - Product Information

Application WB
Primary Accession 008117

Other Accession NP 945320.1, NP 001121.2, NP 945321.1, 166,

14797 (mouse), 29466 (rat)

Reactivity
Predicted
Host
Clonality
Concentration
Isotype
Calculated MW
Human
Mouse, Rat
Goat
Polyclonal
O.5 mg/ml
IgG
21970

AES Antibody (N-Term) - 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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

AES Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

AES Antibody (N-Term) - 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 Antibody (N-Term) - 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 Antibody (N-Term) - Images



AF3556a (0.3 μ g/ml) staining of Human Cerebral Cortex lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

AES Antibody (N-Term) - Background

This antibody is expected to recognize all reported isoforms (NP_945320.1; NP_001121.2; NP_945321.1).

AES Antibody (N-Term) - References

Histone deacetylase-related protein inhibits AES-mediated neuronal cell death by direct interaction. Zhang X, Chen HM, Jaramillo E, Wang L, D'Mello SR. J Neurosci Res. 2008 Aug 15;86(11):2423-31. PMID: 18438919