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AES Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP14115b

Specification

AES Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q08117

AES Antibody (C-term) Blocking peptide - 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
The synthetic peptide sequence used to generate the antibody AP14115b was selected from the C-term region of AES. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AES Antibody (C-term) Blocking peptide - 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 (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

AES Antibody (C-term) Blocking peptide - Images

AES Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is similar in sequence tothe amino terminus of Drosophila enhancer of split groucho, aprotein involved in neurogenesis during embryonic development. Theencoded protein, which belongs to the groucho/TLE family ofproteins, can function as a homooligomer or as a heteroologimerwith other family members to dominantly repress the expression ofother family member genes. Three transcript variants encodingdifferent isoforms have been found for this gene. [provided byRefSeq].

AES Antibody (C-term) Blocking peptide - References

Zhang, Y., et al. Biochem. J. 427(3):499-511(2010)Beagle, B., et al. PLoS ONE 5 (7), E11821 (2010) :Arce, L., et al. BMC Cancer 9, 159 (2009) :Zhang, X., et al. J. Neurosci. Res. 86(11):2423-2431(2008)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :