

Rabbit AES Polyclonal Antibody | anti-AES antibody

AES Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304586	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

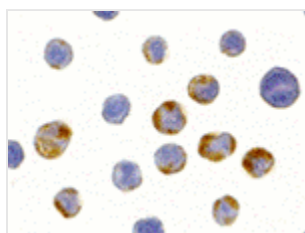
PRODUCT SYNONYMS

AES; Polyclonal Antibody; AES Antibody; Amino-terminal enhancer of split; GRG; ESP1; TLE5; anti-AES antibody

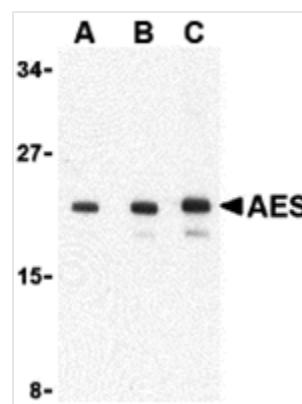
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	264
Applicable Applications for anti-AES antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the carboxy terminus of human AES.
Target Name	AES
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

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


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-AES antibody	Adhesion to extracellular matrix regulates cell survival through both integrin engagement and appropriate cell spreading. Anoikis is the molecular mechanism of apop-tosis induced by integrin detachment. Amino-terminal enhancer of split (AES) is a member of the Groucho/ transducin-like enhancer of split (TLE) family of transcriptional regulators, a group of transcriptional co-repressors that play important roles in neurogenesis, segmentation, and sex determination. AES forms a complex with Bit1 (Bcl-2 inhibitor of transcription 1), a mitochondrial protein that is released into the cytoplasm upon onset of apoptosis. It has been suggested that this complex turns off a survival-promoting gene transcription program controlled by the TLE protein family. Interestingly, apoptosis of cells transfected with AES and Bit1 could be inhibited if the cells were allowed to attach to fibronectin through the alpha5beta1 integrin suggesting that the Bit1-AES pathway contributing to anoikis is regulated by integrins, and in particular, the alpha5beta1 integrin.
Product Categories/Family for anti-AES antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	39812019
NCBI GeneID	166
NCBI Accession #	NP_945320
NCBI GenBank Nucleotide #	NM_198969.1
Molecular Weight	29,091 Da
NCBI Official Full Name	amino-terminal enhancer of split isoform a
NCBI Official Synonym Full Names	amino-terminal enhancer of split
NCBI Official Symbol	AES
NCBI Official Synonym Symbols	GRG; ESP1; GRG5; TLE5; AES-1; AES-2; Grg-5
NCBI Protein Information	amino-terminal enhancer of split
UniProt Protein Name	Amino-terminal enhancer of split
UniProt Gene Name	AES
UniProt Synonym Gene Names	GRG; GRG5; Amino enhancer of split
UniProt Entry Name	AES_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aes-antibody-immunocytochemistry-western-blot-elisa/304586>