

Product datasheet for **TA330249**

Amino terminal enhancer of split (AES) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-AES antibody: synthetic peptide directed towards the middle region of human AES. Synthetic peptide located within the following region: HKQAEIVKRLNGICAQVLPYLSQEHQQQVLGAIERAKQVTAPELNSIIRQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	amino-terminal enhancer of split
Database Link:	NP_945321 Entrez Gene 166 Human Q08117



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Background:

AES is similar in sequence to the amino terminus of Drosophila enhancer of split groucho, a protein involved in neurogenesis during embryonic development. The protein, which belongs to the groucho/TLE family of proteins, can function as a homooligomer or as a heterooligomer with other family members to dominantly repress the expression of other family member genes. The protein encoded by this gene is similar in sequence to the amino terminus of Drosophila enhancer of split groucho, a protein involved in neurogenesis during embryonic development. The encoded protein, which belongs to the groucho/TLE family of proteins, can function as a homooligomer or as a heterooligomer with other family members to dominantly repress the expression of other family member genes. Three transcript variants encoding different isoforms have been found for this gene.

Synonyms:

AES-1; AES-2; ESP1; GRG; Grg-5; GRG5; TLE5

Note:

Immunogen sequence homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Zebrafish: 86%

Protein Families:

Druggable Genome, Transcription Factors

Product images:

WB Suggested Anti-AES Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: DU145 cell lysate AES is supported by BioGPS gene expression data to be expressed in DU145