



## Rabbit Anti-AES antibody

SL12392R

<b>Product Name:</b>	AES
<b>Chinese Name:</b>	gp130Binding proteinGAM抗体
<b>Alias:</b>	Aes 1; Amino-terminal enhancer of split; Aes 2; aes; AES_HUMAN; Aes1; Aes2; Amino Enhancer of Split; Amino terminal enhancer of split; Amino-terminal enhancer of split; Esp 1; Esp1; Gp130 associated protein GAM; Gp130-associated protein GAM; GRG 5; GRG; GRG protein; GRG5; Protein ESP 1; Protein ESP1; Protein GRG; TLE 5; TLE5.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Cow,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	22kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human TLE5/Amino-terminal enhancer of split:21-120/197
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	TLE5 is a 197 amino acid nuclear protein that belongs to the TLE family. Expressed predominately in fetal brain, liver, lung, heart and kidney and in adult muscle, TLE5

functions as either a homooligomer or a heterooligomer with other TLE family members and, through this association, dominantly represses the expression of TLE genes. In addition, TLE5 can repress NFkB-regulated gene expression and is thought to play an important role in initiating and maintaining cell differentiation events. Two isoforms of TLE5 exist due to alternative splicing events.

**Function:**

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.

**Subunit:**

Homooligomer and heterooligomer with other family members. Binds TCF7 (By similarity). Binds the NF-kappa-B subunit RELA. Interacts with PHF12.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

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

**Post-translational modifications:**

Ubiquitinated by XIAP/BIRC4.

**Similarity:**

Belongs to the WD repeat Groucho/TLE family.

**SWISS:**

Q08117

**Gene ID:**

166

**Database links:**

[Entrez Gene: 166](#) Human

[Entrez Gene: 14797](#) Mouse

[Entrez Gene: 29466](#) Rat

[Omim: 600188](#) Human

[SwissProt: Q08117](#) Human

[SwissProt: P63002](#) Mouse

[SwissProt: P63003](#) Rat

[Unigene: 515053](#) Human

[Unigene: 180013](#) Mouse

[Unigene: 11495](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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