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Datasheet for ABIN1698697

## anti-AES antibody (AA 21-120) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	AES
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AES antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TLE5/Amino-terminal enhancer of split
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	AES
Alternative Name:	TLE5/Amino-terminal enhancer of split ( <a href="#">AES Products</a> )
Background:	Synonyms: Aes 1, Amino-terminal enhancer of split , Aes 2, aes, AES_HUMAN, Aes1, Aes2,

## Target Details

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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.

Background: 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.

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Gene ID: 166

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Pathways: [WNT Signaling](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months