

ARG57828 anti-AES antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes AES
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	AES
Species	Human
Immunogen	Synthetic peptide (16 aa) within the last 50 aa of Human AES.
Conjugation	Un-conjugated
Alternate Names	Grg-5; Groucho-related protein 5; Gp130-associated protein GAM; GRG5; TLE5; Protein GRG; GRG; Protein ESP1; Amino enhancer of split; ESP1; Amino-terminal enhancer of split; AES-2; AES-1

Application Instructions

Application table	Application	Dilution
	ICC/IF	10 - 20 µg/ml
	WB	1 - 4 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HEK293 and HeLa cells.	

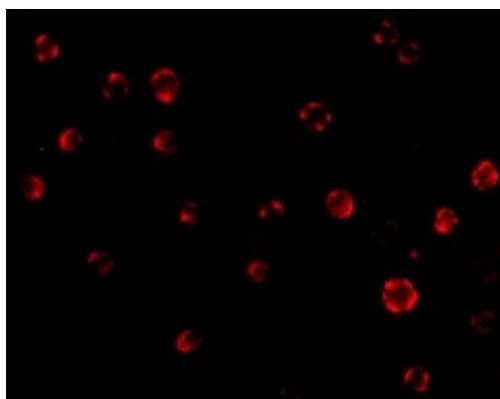
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

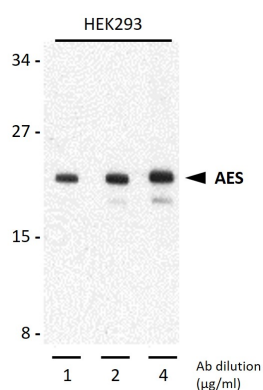
Gene Symbol	AES
Gene Full Name	amino-terminal enhancer of split
Background	The protein encoded by this gene is similar in sequence to the amino terminus of Drosophila enhancer of split groucho, a protein involved in neurogenesis during embryonic development. The encoded protein, which belongs to the 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. [provided by RefSeq, Jul 2008]
Function	Transcriptional corepressor. 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. Essential for the transcriptional repressor activity of SIX3 during retina and lens development. [UniProt]
Calculated Mw	22 kDa
PTM	Ubiquitinated by XIAP/BIRC4. [UniProt]

Images



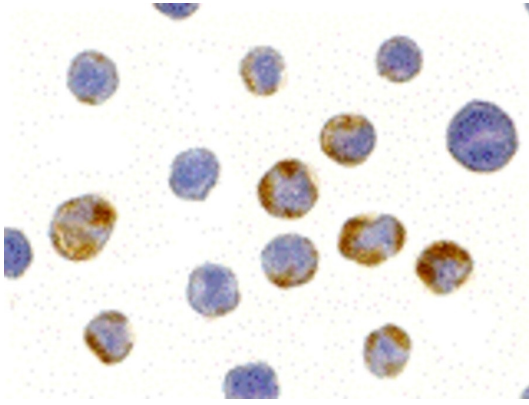
ARG57828 anti-AES antibody IF image

Immunofluorescence: HeLa cells stained with ARG57828 anti-AES antibody at 20 µg/ml dilution.



ARG57828 anti-AES antibody WB image

Western blot: HEK293 cell lysate stained with ARG57828 anti-AES antibody at 1, 2 or 4 µg/ml dilution.



ARG57828 anti-AES antibody ICC image

Immunocytochemistry: HeLa cells stained with ARG57828 anti-AES antibody at 10 µg/ml dilution.