

AEN Rabbit pAb

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Catalog # AP58689

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8WTP8
Predicted	Rat, Pig, Dog, Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36350
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Apoptosis enhancing nuclease
Epitope Specificity	1-100/325
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus. Nucleus, nucleolus. Note=Localized predominantly in the nucleolus. Translocates from the nucleolus to the nucleoplasm upon apoptosis induction.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Exonuclease with activity against single- and double-stranded DNA and RNA. Mediates p53-induced apoptosis. When induced by p53 following DNA damage, digests double-stranded DNA to form single-stranded DNA and amplifies DNA damage signals, leading to enhancement of apoptosis.

Additional Information

Gene ID	64782
Other Names	Apoptosis-enhancing nuclease, 3.1.-., Interferon-stimulated 20 kDa exonuclease-like 1, AEN, ISG20L1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	AEN
Synonyms	ISG20L1
Function	Exonuclease with activity against single- and double-stranded DNA and RNA. Mediates p53-induced apoptosis. When induced by p53 following DNA damage, digests double-stranded DNA to form single- stranded DNA and amplifies DNA damage signals, leading to enhancement of apoptosis.
Cellular Location	Nucleus. Nucleus, nucleolus. Note=Localized predominantly in the nucleolus. Translocates from the nucleolus to the nucleoplasm upon apoptosis induction

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.