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# Datasheet for ABIN883039

# anti-APIP antibody (AA 151-242) (Cy7)

# Overview 100 μL Quantity: **APIP** Target: Binding Specificity: AA 151-242 Reactivity: Human Host: Rabbit Clonality: Polyclonal This APIP antibody is conjugated to Cy7 Conjugate: Application: Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human APIP
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

## **Target Details**

Target:	APIP
Alternative Name:	Apaf1 Interacting Protein (APIP Products)
Background:	Synonyms: MTNB_HUMAN, Apaf1 Interacting Protein, APIP2, CG129, CGI 29, MMRP19, MTRu 1

P dehydratase, Probable methylthioribulose 1 phosphate dehydrata
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Background: The mammalian homologues of the key cell death gene CED 4 in C. elegans has been identified recently from human and mouse and designated Apaf1 (for apoptosis protease activating factor 1). Apaf1 binds to cytochrome c (Apaf2) and caspase 9 (Apaf3), which leads to caspase 9 activation. Activated caspase 9 in turn cleaves and activates caspase 3 that is one of the key proteases, being responsible for the proteolytic cleavage of many key proteins in apoptosis. A new Apaf1 Interacting Protein (APIP) also known as CG129 and MMRP19, has been identified as a negative regulator of ischemic injury. APIP competes with Caspase 9 binding site of Apaf1. APIP is predicted to code for a 204 amino acid. An isoform of APIP, APIP2 encodes a 242 amino acid protein, which is an alternative splicing variant differing in its N terminus from APIP. APIP transcript is ubiquitously expressed in most adult tissue with high expression in skeletal muscle, heart, and kidney.

Pathways: Methionine Biosynthetic Process

### **Application Details**

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

IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date:

12 months