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# Datasheet for ABIN3044316 anti-Apoptosis Inhibitor 5 antibody (C-Term)





Overview

Quantity:	100 µg
Target:	Apoptosis Inhibitor 5 (API5)
Binding Specificity:	AA 487-504, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apoptosis Inhibitor 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))
Product Details	
Durpooo:	Pabhit IaC polyalanal antibody for Apontonic inhibitor 5(ADIS) dataction. Tootad with WP JHC

Purpose:	Rabbit IgG polyclonal antibody for Apoptosis inhibitor 5(API5) detection. Tested with WB, IHC-P, IHC-F, ICC in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Apoptosis inhibitor 5(487-504aa KYSSNLGNFNYERSLQGK)(b), different from the related mouse sequence by one amino acid.
Sequence:	KYSSNLGNFN YERSLQGK
lsotype:	lgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Apoptosis inhibitor 5(API5) detection. Tested with WB, IHC-P, IHC-F, ICC in Human,Mouse,Rat.

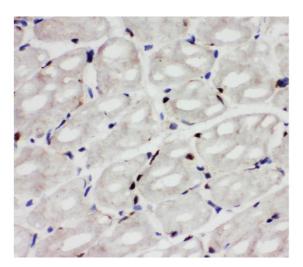
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	Gene Name: apoptosis inhibitor 5
	Protein Name: Apoptosis inhibitor 5(API-5)
Purification:	Immunogen affinity purified.
Target Details	
Target:	Apoptosis Inhibitor 5 (API5)
Alternative Name:	API5 (API5 Products)
Background:	Many growth factors and cytokines act as cellular survival factors by preventing programmed cell death(apoptosis). Apoptosis inhibitor 5(API5) is an antiapoptotic factor which may have a role in protein assembly. The API5 gene to chromosome 11p12 based on an alignment of the API5 sequence with the genomic sequence It is a critical determinant of E2F1-induced apoptosis, acting downstream of E2F to suppress E2F-dependent apoptosis without generally blocking E2F-dependent transcription.
	Synonyms: AAC 11 antibody AAC-11 antibody AAC11 antibody Antiapoptosis clone 11 protein antibody API 5 antibody API-5 antibody API5 antibody API5 like 1 antibody API5_HUMAN antibody API5L1 antibody Apoptosis inhibitor 5 antibody Cell migration inducing gene 8 protein antibody Cell migration-inducing gene 8 protein antibody Fibroblast growth factor 2 interacting factor 2 antibody Fibroblast growth factor 2-interacting factor antibody FIF antibody MIG 8 antibody MIG8 antibody Migration inducing protein MIG8 antibody Protein XAGL antibody
Pathways:	Growth Factor Binding
Application Details	
Application Notes:	<ul> <li>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse</li> <li>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by</li> <li>Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</li> <li>IHC-F: Concentration: 0.5-1 µg/mL, Tested Species: Rat, Predicted Species: Human, Mouse</li> <li>ICC: Concentration: 0.5-1 µg/mL, Tested Species: Human, Predicted Species: Mouse</li> <li>Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.</li> <li>Optimal dilutions should be determined by end users.</li> </ul>

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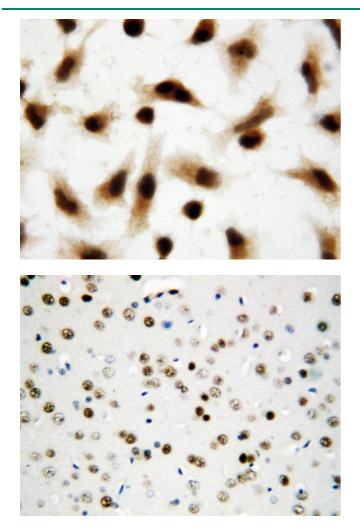
	ABIN921231 in IHC(P), IHC(F) and ICC.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 $\mu$ g/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

### Images



## Immunohistochemistry

**Image 1.** Anti-Apoptosis inhibitor 5 antibody, IHC(F) IHC(F): Rat Cardiac Muscle Tissue



#### Immunohistochemistry

Image 2. Anti-Apoptosis inhibitor 5 antibody, ICC ICC: HELA Cell

#### Immunohistochemistry

**Image 3.** Anti-Apoptosis inhibitor 5 antibody, IHC(P) IHC(P): Rat Brain Tissue

Please check the product details page for more images. Overall 4 images are available for ABIN3044316.