

Datasheet for ABIN1537392

anti-Apoptosis Inhibitor 5 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	Apoptosis Inhibitor 5 (API5)
Binding Specificity:	AA 482-510, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apoptosis Inhibitor 5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This API5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 482-510 amino acids from the C-terminal region of human API5.
Clone:	RB39469
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Apoptosis Inhibitor 5 (API5)
Alternative Name:	API5 (API5 Products)
Background:	Antiapoptotic factor that may have a role in protein assembly. Negatively regulates ACIN1. By

Target Details

binding to ACIN1, it suppresses ACIN1 cleavage from CASP3 and ACIN1-mediated DNA fragmentation. Also known to efficiently suppress E2F1-induced apoptosis. Its depletion enhances the cytotoxic action of the chemotherapeutic drugs.

Molecular Weight: 59005

Gene ID: 8539

NCBI Accession: [NP_001136402](#), [NP_001136403](#), [NP_001230676](#), [NP_006586](#)

UniProt: [Q9BZZ5](#)

Pathways: [Growth Factor Binding](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

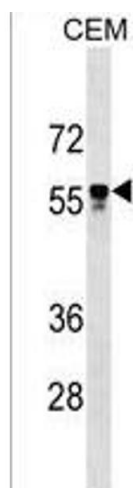
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: API5 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. I5 Antibody (C-term) 18825b western blot analysis in CEM cell line lysates (35 µg/lane). This demonstrates the I5 antibody detected the I5 protein (arrow).