

Datasheet for ABIN7453657

anti-Apoptosis Inhibitor 5 antibody (AA 1-50)[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	Apoptosis Inhibitor 5 (API5)
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apoptosis Inhibitor 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-API5 Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Predicted Reactivity:	X. laevis, Chicken, Orangutan
Purification:	Affinity Purified

Target Details

Target:	Apoptosis Inhibitor 5 (API5)
Alternative Name:	API5 (API5 Products)

Target Details

Background:	Background: API5 (apoptosis inhibitor 5) is an antiapoptotic factor that may have a role in protein assembly. API5 negatively regulates ACIN1. By binding to ACIN1, API5 suppresses ACIN1 cleavage from CASP3 and ACIN1-mediated DNA fragmentation. API5 is also known to efficiently suppress E2F1-induced apoptosis. Its depletion enhances the cytotoxic action of the chemotherapeutic drugs.
Gene ID:	8539
NCBI Accession:	XP_508375
UniProt:	Q9BZZ5
Pathways:	Growth Factor Binding

Application Details

Application Notes:	IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 5 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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
Expiry Date:	12 months