API5 Antibody

Catalog No: #36927

Description

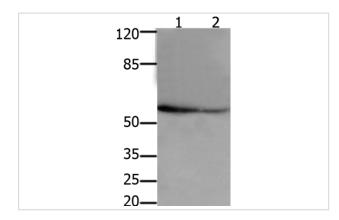|	
Product Name	API5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total API5 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human apoptosis inhibitor 5
Target Name	API5
Other Names	AAC11; AAC-11
Accession No.	Swiss-Prot#: Q9BZZ5NCBI Gene ID: 8539Gene Accssion: NP_006586
Uniprot	Q9BZZ5
GeneID	8539;
SDS-PAGE MW	57kd
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images

Gel: 10%SDS-PAGE
Lysates (from left to right): 293T and Hela cell
Amount of lysate: 30ug per lane
Primary antibody: 1/250 dilution
Secondary antibody dilution: 1/8000
Exposure time: 2 minutes

Background

This gene encodes an apoptosis inhibitory protein whose expression prevents apoptosis after growth factor deprivation. This protein suppresses the transcription factor E2F1-induced apoptosis and also interacts with, and negatively regulates Acinus, a nuclear factor involved in apoptotic DNA

fragmentation. Its depletion enhances the cytotoxic action of the chemotherapeutic drugs. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.