

## Product datasheet for **TA371213**

### Apoptosis inhibitor 5 (API5) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela, MCF7, A549 and Lovo cells
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human API5
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	59 kDa
Gene Name:	apoptosis inhibitor 5
Database Link:	<a href="#">Entrez Gene 8539 Human Q9BZZ5</a>

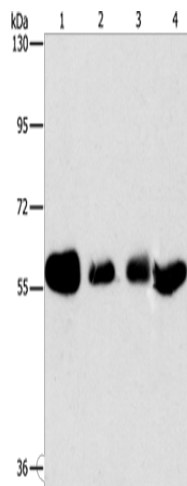
**Background:** This gene encodes an apoptosis inhibitory protein whose expression prevents apoptosis after growth factor deprivation. This protein suppresses the transcription factor E2F1-induced apoptosis and also interacts with, and negatively regulates Acinus, a nuclear factor involved in apoptotic DNA fragmentation. Its depletion enhances the cytotoxic action of the chemotherapeutic drugs. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.

**Synonyms:** AAC-11; AAC11; API-5; API5L1; FIF



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## Product images:



Gel: 10%SDS-PAGE

Lysate: 40  $\mu$ g

Lane 1-4: HeLa cells

MCF7 cells

A549 cells

Lovo cells

Primary antibody: TA371213 (API5 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute