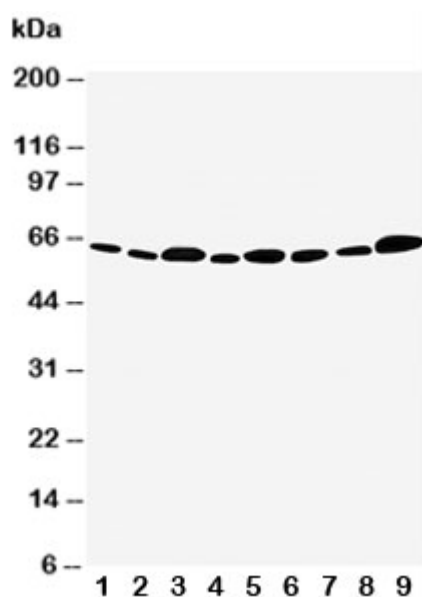


## Apoptosis inhibitor 5 Antibody (R30177)

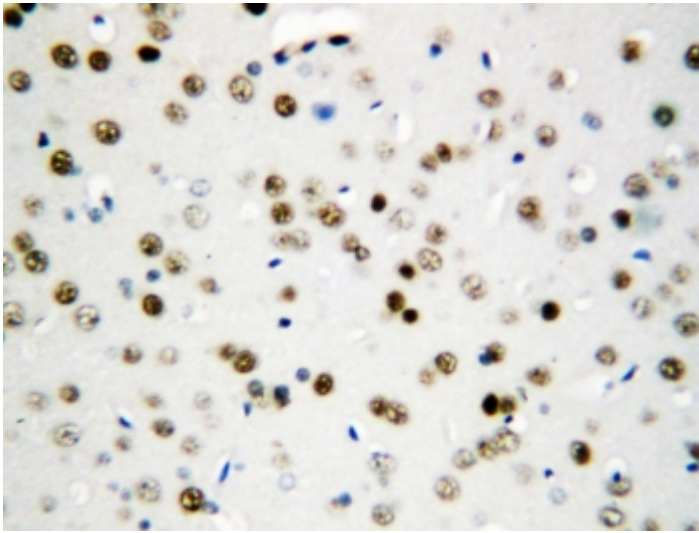
Catalog No.	Formulation	Size
R30177	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

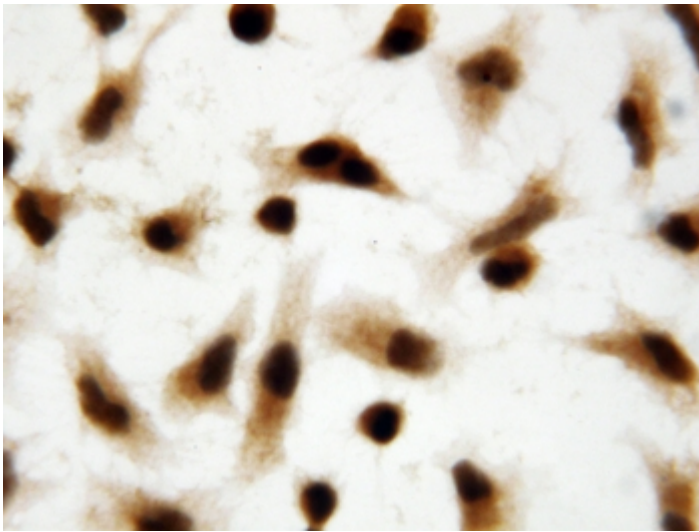
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q9BZZ5
<b>Applications</b>	Western blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml IHC (Frozen) : 0.5-1ug/ml Immunocytochemistry : 0.5-1ug/ml
<b>Limitations</b>	This Apoptosis inhibitor 5 antibody is available for research use only.



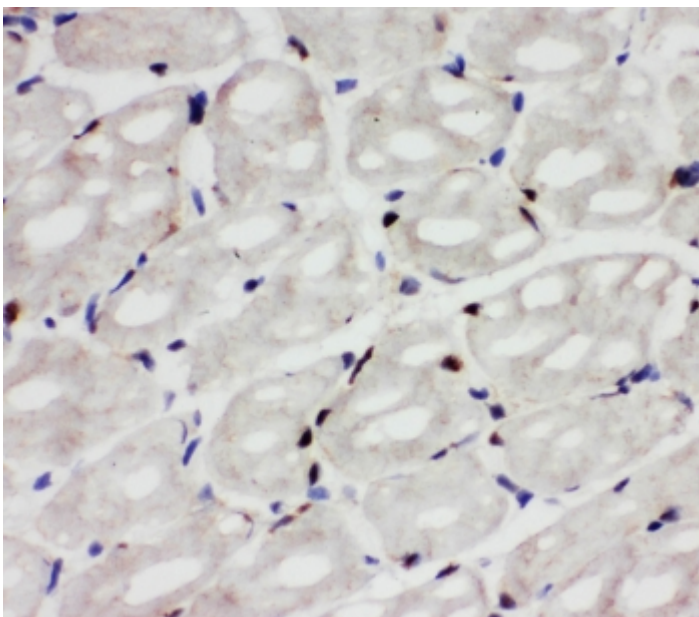
Western blot testing of Apoptosis Inhibitor 5 antibody and Lane 1: rat heart; 2: rat brain; 3: rat testis; 4: rat placenta; 5: MCF-7; 6: HeLa; 7: CEM; 8: SMMC-7721; 9: COLO320 cell lysate



IHC-P: Apoptosis Inhibitor 5 antibody testing of rat brain tissue



ICC testing of HeLa cells



IHC-F testing of rat heart tissue

## Description

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 is on 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.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Apoptosis inhibitor 5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human Apoptosis inhibitor 5 (amino acids 487-504 of isoform b, KYSSNLGNFNRYERSLQGK) was used as the immunogen for this Apoptosis inhibitor 5 antibody.

## Storage

After reconstitution, the Apoptosis inhibitor 5 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.