PAA626Ra81

FITC-Linked Antibody to Caspase 3 (CASP3)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: CASP3, Rat

Conjugation: FITC
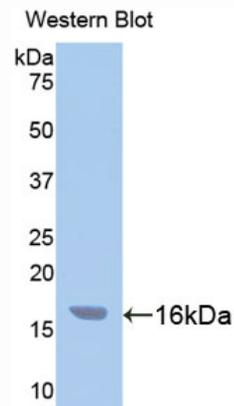
Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 50µg/mL

UOM: 100µg

Western Blot

kDa
75
50
37
25
20
← 16kDa
15
10

Sample: Recombinant CASP3, Rat

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant CASP3 (Ser29~Asp175) expressed in *E.coli*.

Accession No.: RPA626Ra01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF- SG IYLDSSYKMD YPEMGLCIII

NNKNFHKSTGMSARNGTDVD AANLRETFMA LKYEVRNKND LTREEIMELM DSVSKEDHSK

RSSFVCVILS HGDEGVIFGT NGPVDLKKLT SFFRGDYCRS LTGKPKLFII QACRGTELDC

GIETD

[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against CASP3. It has been selected for its ability to recognize CASP3 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400
Immunocytochemistry in formalin fixed cells: 1:100-500
Immunohistochemistry in formalin fixed frozen section: 1:100-500
Immunohistochemistry in paraffin section: 1:50-200
Enzyme-linked Immunosorbent Assay: 1:100-200
Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN$_3$, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Note: As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.