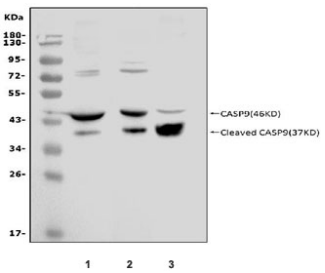
Caspase 9 p35 Antibody (RQ5798)

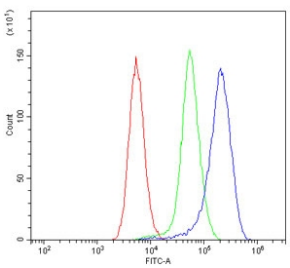
Catalog No.	Formulation	Size
RQ5798	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q8C3Q9
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Caspase 9 p35 antibody is available for research use only.



Western blot testing of 1) mouse heart, 2) rat heart and 3) rat skeletal muscle with Caspase 9 p35 antibody.



Flow cytometry testing of mouse spleen cells with Caspase 9 p35 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Caspase 9 p35 antibody.

Description

Caspase 9 is an enzyme that in humans is encoded by the CASP9 gene. This gene is part of a family of caspases, aspartate-specific cysteine proteases well studied for their involvement in immune and apoptosis signaling. This protein, the initiator caspase, is activated after cytochrome c release from mitochondria and targets downstream effectors. In mouse, deficiency of this gene can cause perinatal lethality. This protein may have a role in normal brain development. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

Application Notes

Optimal dilution of the Caspase 9 p35 antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids E3-D266) was used as the immunogen for the Caspase 9 p35 antibody.

Storage

After reconstitution, the Caspase 9 p35 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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