

Caspase 7 Mouse mAb[1AQH]

Cat NO. :A60580

Information:

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB	H,M	P55210	35kDa	Mouse	IgG	50ul 100ul,200ul

Applications detail:

Application	Dilution
WB	1:1000-2000
The optimal dilutions should be determined by the end user	

Conjugate:

UnConjugate

Form:

Liquid

sensitivity:

Endogenous

Purification:

Protein A purification

Specificity:

Antibody is produced by immunizing animals with a synthetic peptide of human Caspase 7.

Storage buffer and conditions:

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at -20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

Tissue specificity:

Highly expressed in lung, skeletal muscle, liver, kidney, spleen and heart, and moderately in testis. No expression in the brain.

Subcellular location:

Cytoplasm.

Function:

Introduction: **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

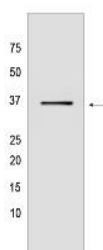
Cross Reactivity: **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

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Involved in the activation cascade of caspases responsible for apoptosis execution (PubMed:8521391, PubMed:8576161, PubMed:8567622, PubMed:9070923, PubMed:11701129). Cleaves and activates sterol regulatory element binding proteins (SREBPs) (PubMed:8521391, PubMed:8576161, PubMed:8567622, PubMed:9070923). Proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-|-Gly-217' bond. Overexpression promotes programmed cell death (PubMed:8521391, PubMed:8576161, PubMed:8567622, PubMed:9070923). Cleaves phospholipid scramblase proteins XKR4, XKR8 and XKR9 (By similarity)... [Isoform Beta]: Lacks enzymatic activity..

Validation Data:

Caspase 7 Mouse mAb[1AQH] Images



Western blot (SDS PAGE) analysis of extracts from Jurkat cells. Using Caspase 7 Mouse mAb IgG [1AQH] at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.