

Caspase 1 Recombinant Polyclonal Antibody (24HCLC)

Product Details

Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Polyclonal
Type	Antibody
Clone	24HCLC
Conjugate	Unconjugated
Immunogen	Protein corresponding to human Caspase 1 [aa120-aa297]
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2784604

Applications	Tested Dilution	Publications
Western Blot (WB)	1:250	-

Product Specific Information

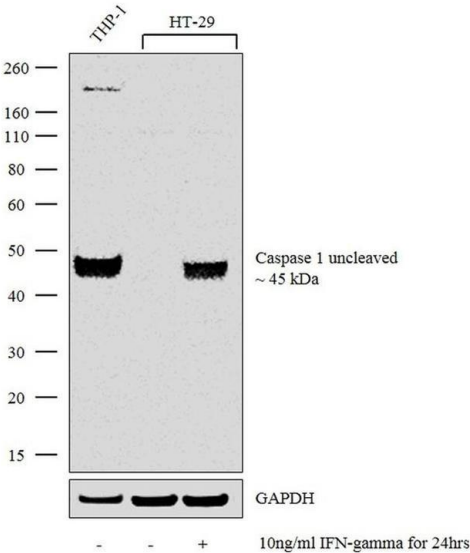
This antibody is predicted to react with Monkey, Pig.

Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

Product Images For Caspase 1 Recombinant Polyclonal Antibody (24HCLC)

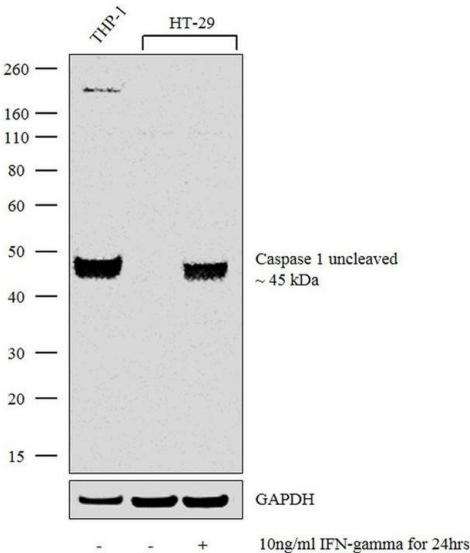
Caspase 1 Antibody (711892)

Altered expression of the protein upon cell treatment demonstrates antibody specificity. Western blot using Anti-Caspase 1 Recombinant Rabbit Polyclonal Antibody (Product # 711892, 1:250 dilution), shows induced expression of protein Caspase 1 in HT-29 cells upon treatment with IFN-gamma. {TM}



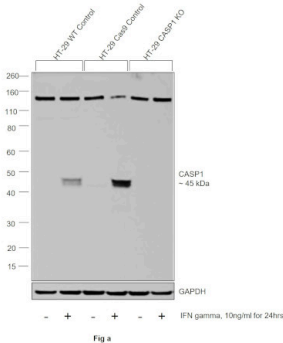
Caspase 1 Antibody (711892) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of THP-1 (Lane 1), HT-29 (Lane 2) and HT-29 treated with IFN-gamma (10 ng/mL for 24 hrs) (Lane 3). The blot was probed with Anti-Caspase 1 Recombinant Rabbit Polyclonal Antibody (Product # 711892, 1:250 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution). A ~45 kDa band corresponding to Caspase 1 was observed in the cell lines tested.



Caspase 1 Antibody (711892)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein inCaspase 1 KO cell line compared to control cell line using Anti-Caspase 1 Recombinant Polyclonal Antibody (24HCLC) (Product # 711892). {KO}



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