

Caspase 4 Polyclonal Antibody

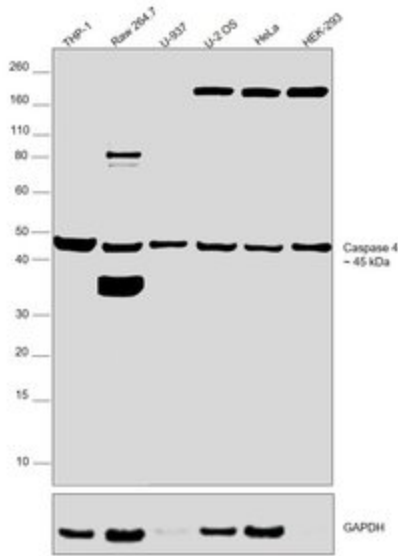
Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (CKERAEEIYPIKERN) corresponding to the internal amino acids of CASP4
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10987547

Applications	Tested Dilution	Publications
Western Blot (WB)	0.3-1 µg/mL	-

Product Specific Information

This antibody is predicted to react with bovine, canine, feline and mouse based on sequence homology.

Product Images For Caspase 4 Polyclonal Antibody



Caspase 4 Antibody (PA5-18300) in WB

Western blot was performed using Anti-Caspase 4 Polyclonal Antibody (Product # PA5-18300) and a ~45 kDa band corresponding to Caspase 4 was observed in cell lines tested along with few uncharacterized bands at ~80, 160 kDa. Whole cell extracts (40 µg lysate) of THP-1 (Lane 1), Raw 264.7 (Lane 2), U-937 (Lane 3), U-2 OS (Lane 4), HeLa (Lane 5) and HEK-293 (Lane 6) were electrophoresed using Novex® NuPAGE® 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Rabbit anti-Goat IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27014, 1:4000 dilution), using the iBright FL 1000 (Product # A32752).

Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

Caspase 4 Antibody (PA5-18300) in WB

Western Blot staining of Human Heart lysate using Product # PA5-18300 at a concentration of 0.3 µg/mL, the primary antibody incubation was 1 hour and the detection method was chemiluminescence.



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