Caspase 4 Polyclonal Antibody

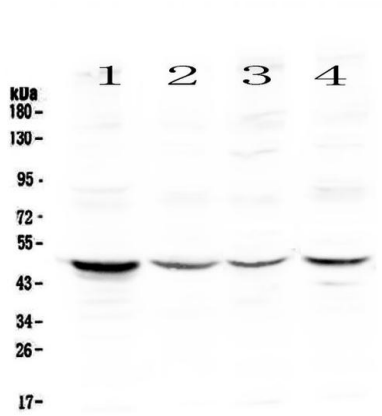
Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human Caspase 4 recombinant protein (Position: H111-R194).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2807300

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	0.5-1 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-
ELISA (ELISA)	0.1-0.5 µg/mL	-

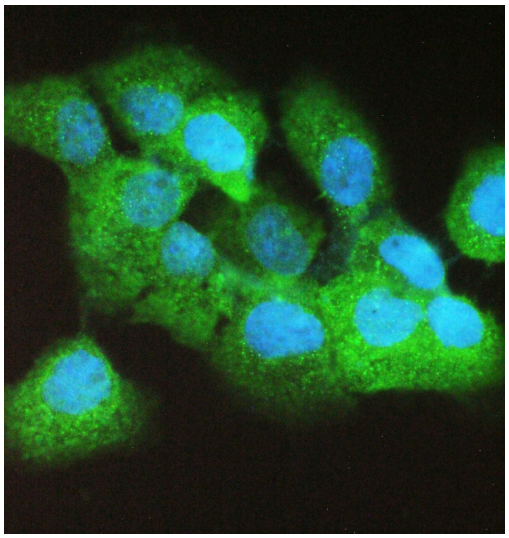
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

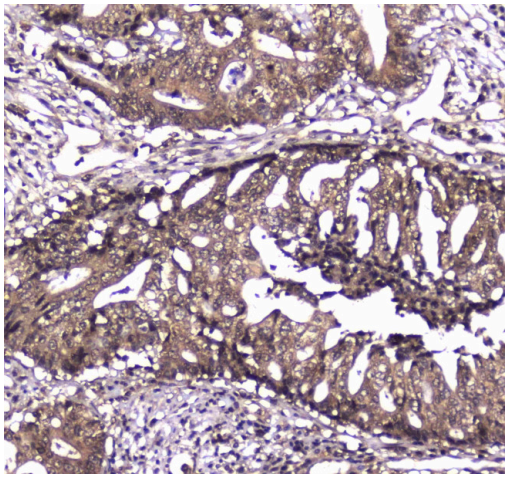
Product Images For Caspase 4 Polyclonal Antibody



Caspase 4 Antibody (PA5-95498) in WB
Western blot analysis of Caspase 4 in Lane 1: human HeLa whole cell lysates, Lane 2: human COLO-320 whole cell lysates, Lane 3: human SW620 whole cell lysates, Lane 4: human HepG2 whole cell lysates. Electrophoresis was performed with 5-20% SDS-PAGE gel (70V, Stacking gel; 90V Resolving gel, Time: 2-3 hours), transferred to a nitrocellulose membrane and blocked using 5% Non-fat Milk/TBS (1.5 hrs at room temperature). Samples were incubated with Caspase 4 polyclonal antibody (Product # PA5-95498) using a 0.5 µg/mL dilution, followed by a goat anti-rabbit IgG-HRP at a dilution of 1:10,000, and developed with enhanced chemiluminescence (ECL).



Caspase 4 Antibody (PA5-95498) in ICC/IF
Immunofluorescence analysis of Caspase 4 in A431 cell. Antigen retrieval was performed on the tissue using IHC enzyme antigen retrieval reagent and blocked with 10% goat serum. Samples were incubated with Caspase 4 polyclonal antibody (Product # PA5-95498) at a 2 µg/1x10^6 cells dilution, followed by 488 conjugated goat anti-rabbit IgG using a 1:100 dilution and DAPI.



Caspase 4 Antibody (PA5-95498) in IHC (P)
Immunohistochemistry analysis of Caspase 4 in paraffin-embedded human mammary cancer tissue. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with Caspase 4 polyclonal antibody (Product # PA5-95498) at a 1 µg /mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Strepavidin-Biotin-Complex and DAB.

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