antibodies

Datasheet for ABIN3030308 anti-Caspase 4 antibody (AA 104-124)

3 Images



Overview

Quantity:	100 µg
Target:	Caspase 4 (CASP4)
Binding Specificity:	AA 104-124
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 104-124 (DALKLCPHEEFLRLCKERAEE-human) were used as the immunogen for
	this Caspase-4 antibody. This sequence is from the large subunit.
Isotype:	lgG
Purification:	Antigen affinity

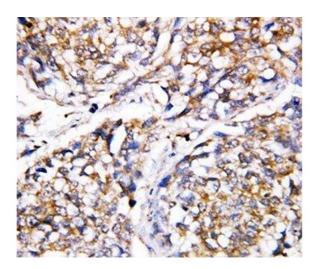
Target Details

Target:	Caspase 4 (CASP4)
Alternative Name:	Caspase-4 (CASP4 Products)
Background:	Caspase-4 is an enzyme that proteolytically cleaves other proteins at an aspartic acid residue, and belongs to a family of cysteine proteases called caspases. The CASP4 gene is mapped to a
	P1 clone containing the ICE gene, which is located at chromosome 11q22.2-q22.3. It contains 8

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN3030308 | 11/30/2023 | Copyright antibodies-online. All rights reserved.

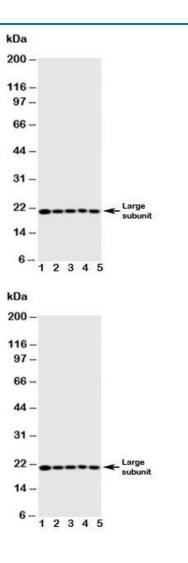
Target Details	
	coding exons. The function of Caspase-4 is not fully known, but it is believed to be an inflammatory caspase, along with CASP1, CASP5 and the murine homolog CASP11, with a role in the immune system.
UniProt:	P49662
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, Positive Regulation of Endopeptidase Activity
Application Details	
Application Notes:	The stated application concentrations are suggested starting points. Titration of the Caspase-4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL
Restrictions:	For Research Use only
Handling	
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the Caspase-4 antibody can be stored for up to one month at 4°C. For long- term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. IHC-P: Caspase-4 antibody testing of human breast cancer tissue



Western Blotting

Image 2. Western blot testing of Caspase-4 antibody and Lane 1: MCF-7; 2: HeLa; 3: Jurkat; 4: CEM; 5: SW620 cell lysate

Western Blotting

Image 3. Western blot testing of Caspase-4 antibody and Lane 1: MCF-7

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN3030308 | 11/30/2023 | Copyright antibodies-online. All rights reserved.