

Datasheet for ABIN1536104

anti-Caspase 4 antibody (Cleaved-Gln81)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Caspase 4 (CASP4)
Binding Specificity:	AA 62-111, Cleaved-Gln81
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Caspase 4.
Isotype:	IgG
Specificity:	Caspase 4 (p20,Cleaved-Gln81) Antibody detects endogenous levels of fragment of activated Caspase 4 resulting from cleavage adjacent to Gln81.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Caspase 4 (CASP4)
Alternative Name:	Caspase 4 (CASP4 Products)

Target Details

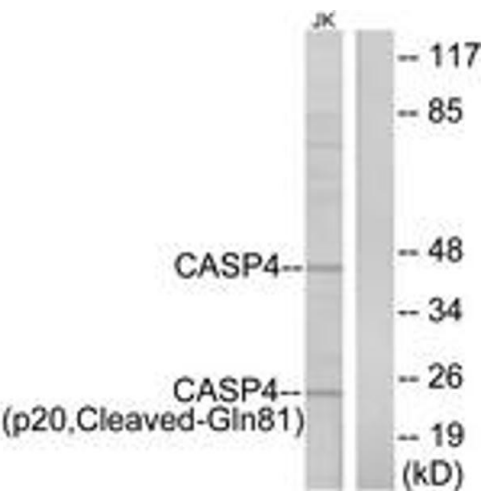
Background:	Synonyms: DNA primase small subunit, DNA primase 49 kDa subunit, p49 NCBI Gene Symbol: CASP4
Molecular Weight:	43 and 22 kDa
Gene ID:	837
OMIM:	602664
UniProt:	P49662
Pathways:	Apoptosis , Caspase Cascade in Apoptosis , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:40000
Comment:	Unigene-Number: Hs.138378 (NCBI Gene Symbol: CASP4)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using Caspase 4 (p20,Cleaved-Gln81) Antibody. The lane on the right is treated with the synthesized peptide.