

CASP4 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21390c

Product Information

Application	WB, E
Primary Accession	P49662
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB52883

Additional Information

Other Names	Caspase-4, CASP-4, ICE(rel)-II, Protease ICH-2, Protease TX, Caspase-4 subunit 1, Caspase-4 subunit 2, CASP4, ICH2
Target/Specificity	This CASP4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 163-197 amino acids from the Central region of human CASP4.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CASP4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

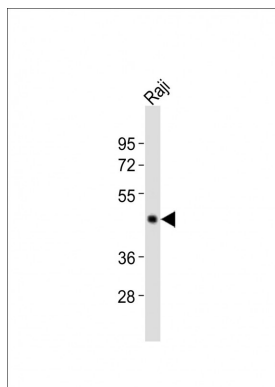
Involved in the activation cascade of caspases responsible for apoptosis execution. Involved in ER-stress induced apoptosis. Cleaves caspase-1.

References

Faucheu C.,et al.EMBO J. 14:1914-1922(1995).

Munday N.A.,et al.J. Biol. Chem. 270:15870-15876(1995).
Kamens J.,et al.J. Biol. Chem. 270:15250-15256(1995).
Fernandes-Alnemri T.,et al.Submitted (JUN-1995) to the EMBL/GenBank/DDBJ databases.
Taylor T.D.,et al.Nature 440:497-500(2006).

Images



Anti-CASP4 Antibody (Center)at 1:2000 dilution + Raji whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.