

Datasheet for ABIN2617980

anti-Caspase 4 antibody (AA 104-124)[Go to Product page](#)

Overview

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

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human Caspase 4(104-124aa DALKLCPHEEFLRLCKERAEE).
Isotype:	IgG
Specificity:	Widely expressed, with highest levels in spleen and lung. Moderate expression in heart and liver, low expression in skeletal muscle, kidney and testis. Not found in the brain.
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

Target Details

Target:	Caspase 4 (CASP4)
---------	-------------------

Target Details

Alternative Name:	CASP4 / Caspase 4 (CASP4 Products)
Background:	Name/Gene ID: CASP4 Subfamily: Cysteine C14 Family: Protease Synonyms: CASP4, CASP-4, Casp11, Caspase 4, Caspase-4, Cysteine protease icerel-ii, ICE(rel)-II, ICE(rel)II, ICH-2, Ich-3, ICH2, Protease ICH-2, TX, Tx protease, Caspase 11, ICEREL-II, Mih1/TX, Protease TX
Gene ID:	837
Pathways:	Apoptosis , Caspase Cascade in Apoptosis , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles.