

Anti-CASP4 antibody (81-270) (STJ11100597)

STJ11100597

GENERAL INFORMATION

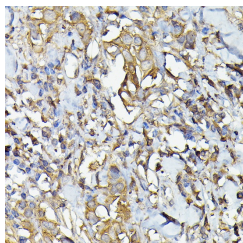
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

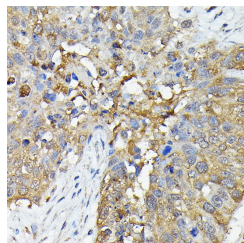
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

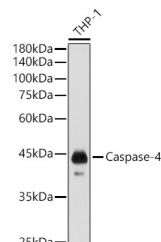
Gene ID	837
Gene Symbol	CASP4
Uniprot ID	CASP4_HUMAN
Immunogen	
Immunogen Region	81-270
Specificity	A synthetic peptide corresponding to a sequence within amino acids 81-270 of human Caspase-4 (NP_001216.1).
Immunogen Sequence	QISPNNKAHPNMEAGPPESG ESTDALKLCPHEEFLRLCKE RAEIYPIKERNNRTRLALI ICNTEFDHLPPRNGADFDIT GMKELLEGLDYSVDVEENLT ARDMESALRAFATRPEHKSS DSTFLVLMESHGILEGICGTV HDEKPKDVLVLYDTIFQIFNN RNCLSLKDKPKVIIVQACRG ANRGELWVRD



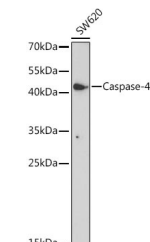
Immunohistochemistry analysis of paraffin-embedded human breast cancer using Caspase-4 Rabbit polyclonal antibody (STJ11100597) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6, 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using Caspase-4 Rabbit polyclonal antibody (STJ11100597) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6, 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of THP-1 cells, using Caspase-4 antibody (STJ11100597) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of SW620 cells, using Caspase-4 antibody (STJ11100597) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5min.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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