

# Product Datasheet

## Caspase-4 Antibody NB300-901

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB300-901**

## Caspase-4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	837
Gene Symbol	CASP4
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both isoforms of CASP4 (alpha, represented by NP_001216.1 and gamma, NP_150649.1).
Immunogen	Peptide with sequence CKERAEIYPIKERN corresponding to internal region according to NP_001216.1, NP_150649.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 40 kDa band observed in human heart lysates (calculated MW of 43.3 kDa band according to NP_001216.1).

**Images**

Western Blot: Caspase-4 Antibody [NB300-901] - Staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Munday NA, Vaillancourt JP, Ali A et al. Molecular cloning and pro-apoptotic activity of ICErelIII and ICErelIII, members of the ICE/CED-3 family of cysteine proteases. J Biol Chem 1995-06-30 [PMID: 7797592]



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### **Products Related to NB300-901**

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NBP3-11853	Jurkat Staurosporine Treated / Untreated Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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