

# Product Datasheet

## Caspase-3 Antibody (CPP32 4-1-18) - Azide and BSA Free NBP2-80614

Unit Size: 0.2 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-80614**

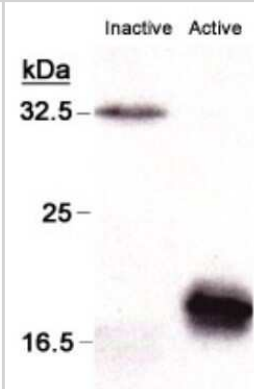
Caspase-3 Antibody (CPP32 4-1-18) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.2 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CPP32 4-1-18
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	31.7 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	836
<b>Gene Symbol</b>	CASP3
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This Caspase-3 Antibody (CPP32 4-1-18) - Azide and BSA Free was developed against full-length recombinant human Caspase 3 [UniProt# P42574].
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Simple Western 1:2000, Immunohistochemistry 1:200-1:500, Immunocytochemistry/ Immunofluorescence 2 ug/ml, Immunoprecipitation 2 ug / mg lysate, Immunohistochemistry-Paraffin 1:200-1:500, Immunohistochemistry-Frozen reported in scientific literature (PMID 31242448)
<b>Application Notes</b>	<p>A band is seen at ~32 kDa for the inactive form of Caspase 3 and ~17-22 kDa for the active form of Caspase 3 in Western Blot. (See protocol for additional information).</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point.</p> <p>See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: antibody dilution of 1:2000. Separated by Size-Wes, Sally Sue/Peggy Sue.</p>

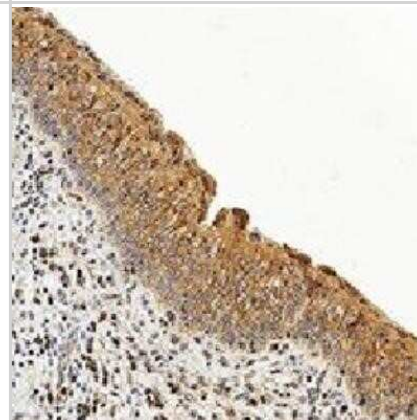


## Images

Western Blot: Caspase-3 Antibody (CPP32 4-1-18) - Azide and BSA Free [NBP2-80614] - Detection of Caspase (19 and 35 kDa) from HEK293 cell extract using Caspase-3 Antibody (CPP32 4-1-18) (NB500-210). Lanes 1 and 2 contain inactive and active Caspase, respectively. Image from the standard format of this antibody.



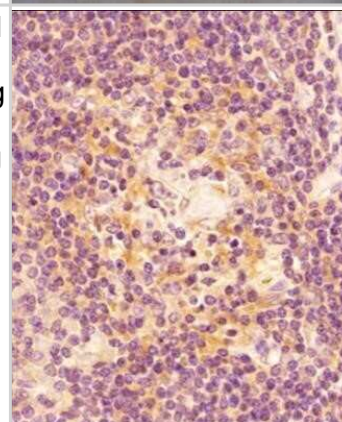
Immunocytochemistry: Caspase-3 Antibody (CPP32 4-1-18) - Azide and BSA Free [NBP2-80614] - Caspase-3 was detected in immersion fixed paraffin-embedded sections of human bladder 1:300 dilution of mouse monoclonal Caspase-3 Antibody (CPP32 4-1-18) (NB500-210, Novus Biologicals), for 1 hour at room temperature followed by anti-mouse IgG VisUCyte H



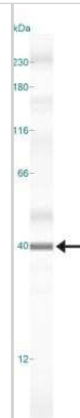
Immunohistochemistry-Paraffin: Caspase-3 Antibody (CPP32 4-1-18) - Azide and BSA Free [NBP2-80614] - Rat epithelial cells of the tongue base. Antigen retrieval method: Citrate buffer. Image from the standard format of this antibody.



Immunohistochemistry: Caspase-3 Antibody (CPP32 4-1-18) - Azide and BSA Free [NBP2-80614] - Analysis of a FFPE human spleen section using 1:200 dilution of Caspase-3 Antibody (CPP32 4-1-18). The staining was developed using HRP conjugated anti-mouse secondary antibody and DAB reagent. This Caspase 3 antibody generated a specific staining in the



Simple Western: Caspase-3 Antibody (CPP32 4-1-18) - Azide and BSA Free [NBP2-80614] - Lane view shows a specific band for Caspase 3 in 0.5 mg/ml of Hek293 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





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### **Products Related to NBP2-80614**

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NBP3-11853	Jurkat Staurosporine Treated / Untreated Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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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