

# Product Datasheet

## Executioner Caspases Antibody Pack NBP3-20199

Unit Size: 5 Vials

Storage is content dependent.

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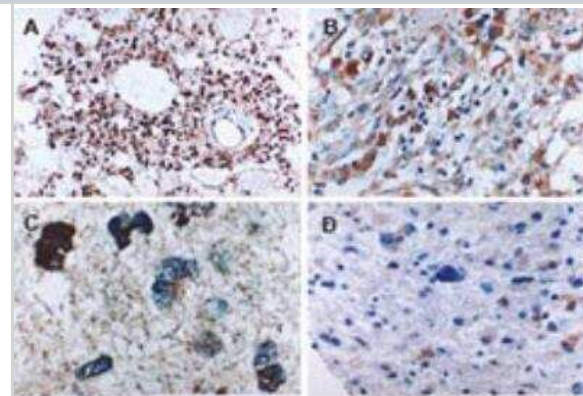
**NBP3-20199****Executioner Caspases Antibody Pack**

<b>Product Information</b>	
<b>Unit Size</b>	5 Vials
<b>Concentration</b>	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
<b>Storage</b>	Storage is content dependent.
<b>Product Description</b>	
<b>Description</b>	This pack contains 1 vial each of: NB100-56114SS (0.025 ml), NB100-56708SS (0.025 ml), NB100-56529SS (0.025 ml), HAF007 (1.0 ml) and HAF008 (1.0 ml).
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Antibodies in this pack are validated for use in the following species: NB100-56114: Canine, Human, Mouse, Rat NB100-56708: Chicken, Chinese Hamster, Human, Mammal, Mouse, Porcine, Rat NB100-56529: Human, Mouse, Rat HAF008: Rabbit HAF007: Mouse
<b>Immunogen</b>	See individual datasheets.
<b>Kit Components</b>	NB100-56114SS, NB100-56708SS, NB100-56529SS, HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP], HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Antibodies in this pack are validated for the following applications: NB100-56114: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Western Blot NB100-56708: CyTOF-ready, Electron Microscopy, Flow Cytometry, Hematoxylin and Eosin Stain, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry Free-Floating, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Knockdown Validated, Knockout Validated, Simple Western, Western Blot NB100-56529: Immunohistochemistry, Immunohistochemistry-Paraffin, Western Blot HAF008: Immunohistochemistry, Western Blot HAF007: Immunohistochemistry, Western Blot

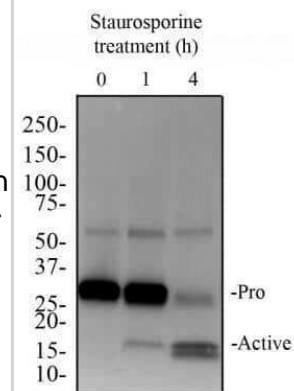


## Images

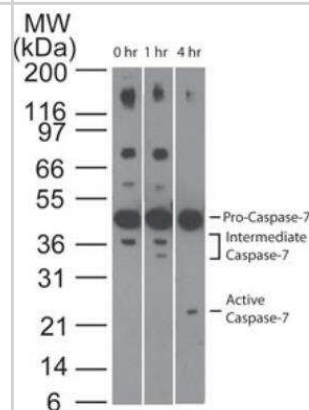
Formalin-fixed paraffin-embedded tissue sections of human gliomas stained for Active/Cleaved Caspase-6 expression using Caspase-6 antibody at 1:2000. Gemistocytoma (low grade tumor) at A) low and B) high magnification. Two examples of anaplastic, high grade (III) infiltrating gliomas (C and D). Increased active/cleaved Caspase-6 may be seen in high grade, compared to low grade tumors. Hematoxylin-eosin counterstain.



Whole cell protein from Jurkat cells treated with and without 2  $\mu$ M staurosporine as indicated was separated on a 4-15% gel by SDS-PAGE, transferred to 0.2  $\mu$ m PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 5  $\mu$ g/ml anti-Caspase 3 in 1% milk, and detected with an anti-mouse HRP secondary antibody using a Femto sensitivity chemiluminescence reagent. Note the detection of both pro-caspase 3 at 35 kDa and the cleaved active caspase 3 at 15-17 kDa.



Analysis of Caspase-7 in Jurkat cells using Caspase-7 antibody at 1  $\mu$ g/ml. Cells were treated with 2  $\mu$ M staurosporine for different time periods. Caspase-7 activation is detected in western blots by the presence of Caspase-7 cleavage fragments. The antibody detected both pro (full-length) and active (cleaved) Caspase-7, depending on the treatment time points. A basal level of endogenous intermediate Caspase-7 can be seen in untreated Jurkat cells.





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### **Limitations**

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

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