

Product Datasheet

Panoptosome Antibody Pack

NBP3-20189

Unit Size: 12 Vials

Storage is content dependent.

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NBP3-20189**Panoptosome Antibody Pack**

Product Information	
Unit Size	12 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Storage is content dependent.
Product Description	
Description	This pack contains 1 vial each of: NBP2-12446SS (0.025 mL), NBP2-24588SS (0.025 mL), MAB3585-SP (0.025 mg), NBP1-78977SS (0.025 mL), NB100-56565SS (0.025 mg), NB100-56116SS (0.025 mL), NB100-56363SS (0.025 mL), NBP1-77533SS (0.025 mL), AF6309-SP (0.025 mg), HAF008, HAF007 and HAF016.
Species	Human, Mouse, Rat
Reactivity Notes	Antibodies in this pack are validated for use in the following species: NBP2-12446: Human, Mouse, Rat NBP2-24588: Human, Mouse (Negative), Primate MAB3585: Human, Mouse, Rat NBP1-78977: Human, Mouse, Rat NB100-56565: Human, Mouse, Rat NB100-56363: Human, Mouse NBP1-77533: Human, Mouse, Rat AF6309: Human HAF008: Rabbit HAF007: Mouse HAF016: Sheep NB100-56116: Gerbil, Human, Mouse, Rat
Immunogen	See individual datasheets
Kit Components	NBP2-12446SS, NBP2-24588SS, MAB3585-SP, NBP1-78977SS, NB100-56565SS, NB100-56363SS, NBP1-77533SS, AF6309-SP, HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP], HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP], HAF016: Donkey anti-Sheep IgG Secondary Antibody [HRP], NB100-56116SS
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin



Application Notes

Antibodies in this pack are validated for the following applications:

NBP2-12446: Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunomicroscopy, Immunoprecipitation, Knockdown Validated, Western Blot

NBP2-24588: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Western Blot

MAB3585: Immunocytochemistry, Knockout Validated, Simple Western, Western Blot

NBP1-78977: Flow (Intracellular), Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunomicroscopy, Immunoprecipitation, Simple Western, Western Blot

NB100-56565: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Simple Western, Western Blot

NB100-56363: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Western Blot

NBP1-77533: CyTOF-ready, Flow (Intracellular), Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Simple Western, Western Blot

AF6309: Western Blot

HAF008: Immunohistochemistry, Western Blot

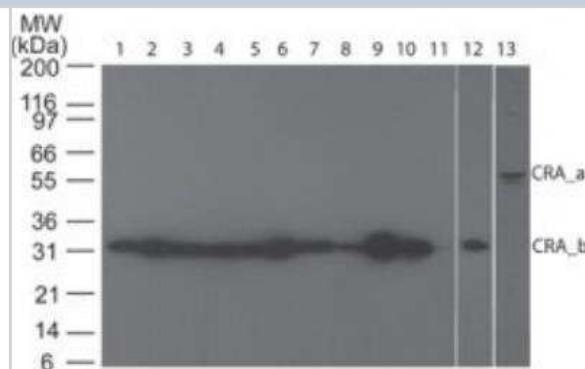
HAF007: Immunohistochemistry, Western Blot

HAF016: Immunohistochemistry, Simple Western, Western Blot

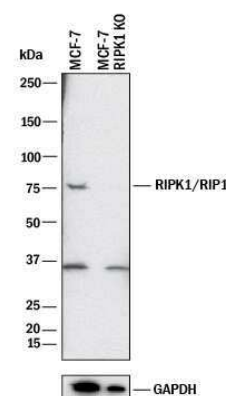
NB100-56116: Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Western Blot

Images

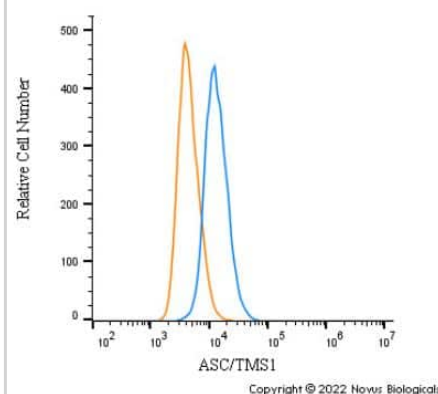
Western Blot: Panoptosome Antibody Pack [NBP3-20189] - Analysis of RIP3 using polyclonal RIPK3/RIP3 antibody [NBP2-24588]. Human tissue blot probed with 5 ug/ml of RIP3 antibody: 1) brain, 2) heart, 3) small intestine, 4) kidney, 5) liver, 6) lung, 7) skeletal muscle, 8) stomach, 9) spleen, 10) ovary, 11) testis, 12) placenta probed at 5 ug/ml, 13) Ramos cell lysate probed at 7 ug/ml. Theoretical molecular weight 56.7 kDa.



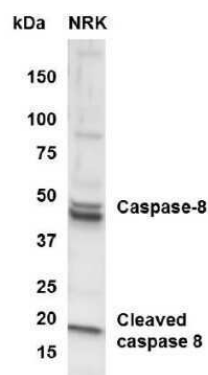
Knockout Validated: Panoptosome Antibody Pack [NBP3-20189] - Western blot shows lysates of MCF7 human breast cancer parental cell line and RIPK1/RIP1 knockout MCF7 cell line (KO). PVDF membrane was probed with 0.5 µg/mL of Mouse Anti-Human/Mouse/Rat RIPK1/RIP1 Monoclonal Antibody (Catalog # MAB3585) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). A specific band was detected for RIPK1/RIP1 at approximately 75 kDa (as indicated) in the parental MCF7 cell line, but is not detectable in knockout MCF7 cell line. GAPDH (Catalog # MAB5718) is shown as a loading control. This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



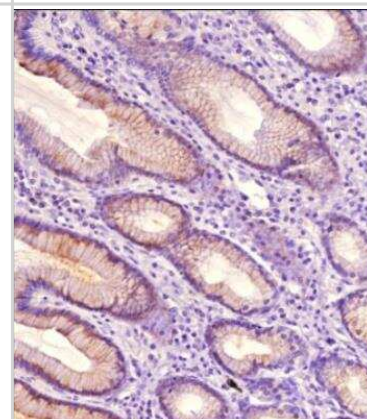
Flow (Intracellular): Panoptosome Antibody Pack [NBP3-20189] - An intracellular stain was performed on MCF7 cells with ASC/TMS1 NBP1-78977 (blue) and a matched isotype control NBP2-24891 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 µg/mL for 30 minutes at room temperature, followed by Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Dylight 550 (SA5-10033, Thermo Fisher).



Western Blot: Panoptosome Antibody Pack [NBP3-20189] - Analysis of active/cleaved Caspase 8 in NRK whole cell lysate using anti-active/cleaved Caspase 8 antibody (NB100-56116).



Immunohistochemistry-Paraffin: Panoptosome Antibody Pack [NBP3-20189] - Immunohistochemistry-Paraffin: Panoptosome Antibody Pack [NBP3-20189] - Analysis of a FFPE tissue section of human stomach using 1:200 dilution of TAK1 antibody (NB100-56363). The staining was developed using HRP labeled anti-rabbit secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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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