

Product Datasheet

SMAC/Diablo Antibody - BSA Free NBP1-76772

Unit Size: 0.1 mg

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

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NBP1-76772

SMAC/Diablo Antibody - BSA Free

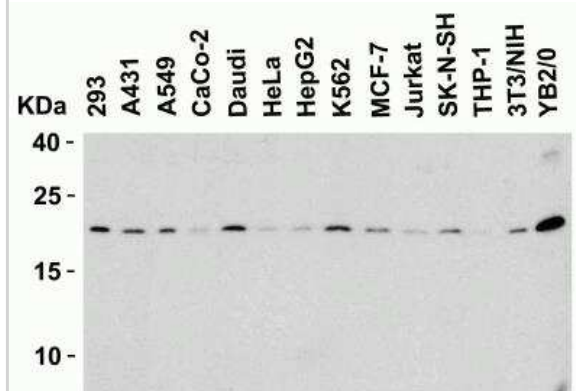
| Product Information | |
|-------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Ion exchange chromatography |
| Buffer | PBS |
| Target Molecular Weight | 20 kDa |

| Product Description | |
|---------------------|---|
| Host | Rabbit |
| Gene ID | 56616 |
| Gene Symbol | DIABLO |
| Species | Human, Mouse, Rat |
| Immunogen | Antibody was raised against a 16 amino acid peptide near the carboxy terminus of murine Smac. The immunogen is located within the last 50 amino acids of Smac. Amino Acid Sequence: SDEGADQEEEEAYLRED |

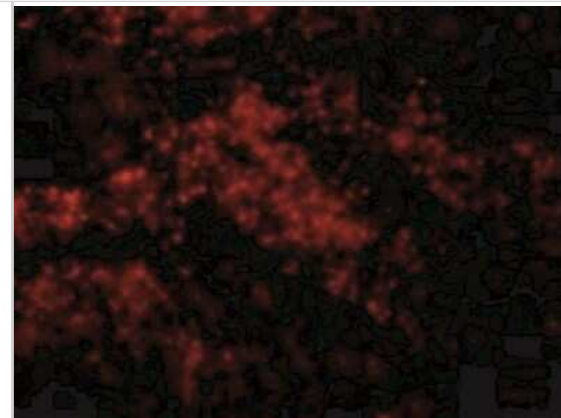
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 2 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunoprecipitation, Immunohistochemistry-Paraffin |

Images

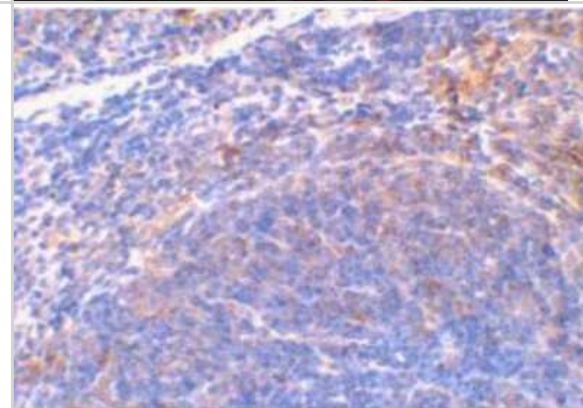
Western Blot: SMAC/Diablo Antibody [NBP1-76772] - Western Blot Validation in Human, Mouse and Rat Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: SMAC/Diablo NBP1-76772 (1 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



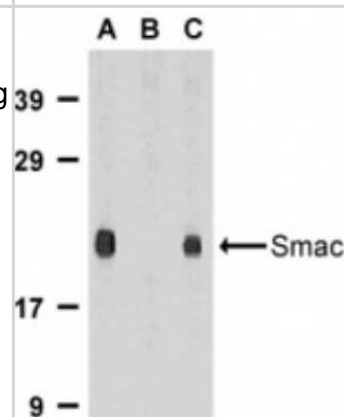
Immunocytochemistry/Immunofluorescence: SMAC/Diablo Antibody [NBP1-76772] - Immunofluorescence of Smac in Mouse Spleen cells with Smac antibody at 10 ug/mL.



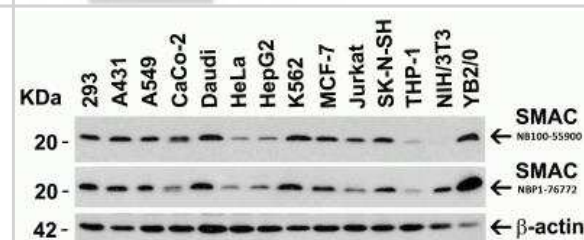
Immunohistochemistry-Paraffin: SMAC/Diablo Antibody [NBP1-76772] - Immunohistochemical staining of mouse spleen tissue using Smac antibody at 2 ug/ml.



Western Blot: SMAC/Diablo Antibody [NBP1-76772] - Analysis of Smac in mouse heart tissue lysate in the absence (A) or presence (B) of blocking peptide and in rat heart tissue lysate with Smac antibody at 1 ug /ml.



Western Blot: SMAC/Diablo Antibody [NBP1-76772] - Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: SMAC/Diablo NB100-55900 (1 ug/mL), SMAC/Diablo NBP1-76772 (1 ug/mL), and beta-actin (1 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Publications

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

Details:

Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).

Sulaiman MK, Chu Z, Blanco VM et al. SapC-DOPS nanovesicles induce Smac- and Bax-dependent apoptosis through mitochondrial activation in neuroblastomas Mol. Cancer 2015-04-19 [PMID: 25889084] (WB, Human)





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Products Related to NBP1-76772

| | |
|---------------|---|
| NBP1-76772PEP | SMAC/Diablo Antibody Blocking Peptide |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

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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