

## Product Datasheet

### [KO Validated] Bax Rabbit pAb (orb129529)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb129529   |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | Rabbit polyclonal antibody to BAX   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Species/Host</b>         | Rabbit  |
| <b>Isotype</b>              | IgG   |
| <b>Conjugation</b>          | Unconjugated  |
| <b>Reactivity</b>           | Human, Mouse, Rat   |
| <b>Concentration</b>        | 1 mg/ml   |
| <b>Buffer/Preservatives</b> | PBS with 0.01% thimerosal,50% glycerol,pH7.3.   |
| <b>Purification</b>         | Affinity purification   |
| <b>Immunogen</b>            | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Bax (NP_620116.1).                                    |
| <b>UniProt ID</b>           | <b>Q07812</b>   |
| <b>MW</b>                   | 21kDa   |
| <b>Tested applications</b>  | ELISA, IF, IHC-P, IP, WB  |
| <b>Dilution range</b>       | WB: 1:500-2000, IHC-P: 1:50-100   |
| <b>Storage</b>              | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |

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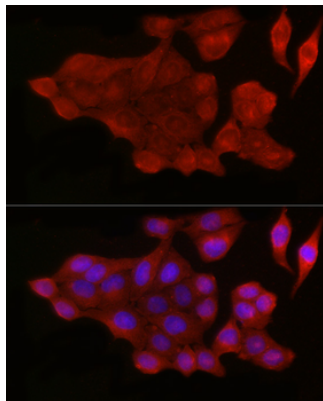
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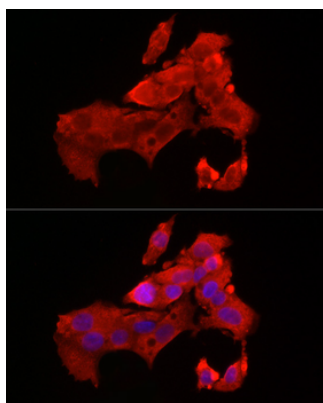
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**Note** For research use only

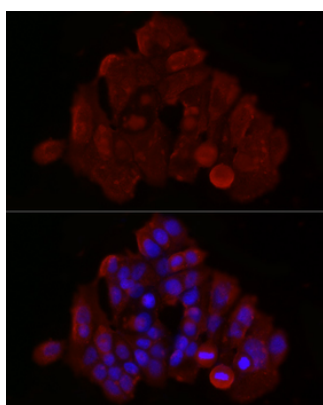
**Expiration Date** 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells using [KO Validated] Bax Rabbit pAb (orb129529) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HepG2 cells using [KO Validated] Bax Rabbit pAb (orb129529) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF7 cells using [KO Validated] Bax Rabbit pAb (orb129529) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

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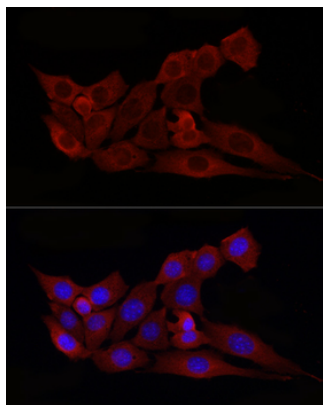
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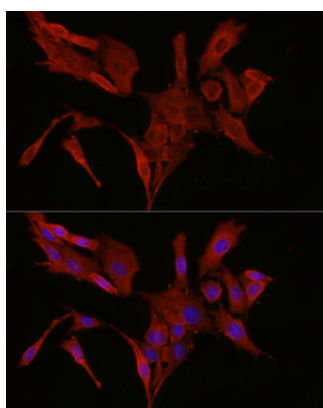
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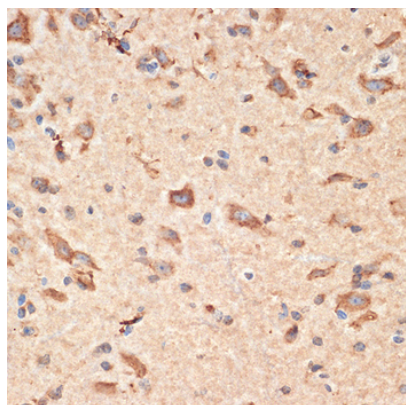
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Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] Bax Rabbit pAb (orb129529) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using [KO Validated] Bax Rabbit pAb (orb129529) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse spinal cord using [KO Validated] Bax Rabbit pAb (orb129529) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

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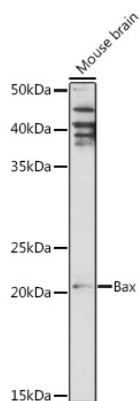
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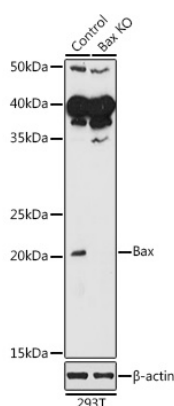
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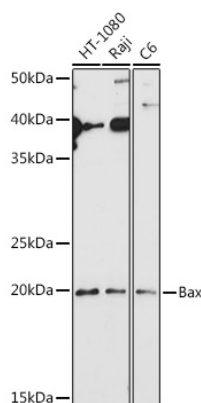
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Western blot analysis of lysates from Mouse brain, using [KO Validated] Bax Rabbit pAb (orb129529) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of lysates from wild type (WT) and Bax knockout (KO) 293T cells, using [KO Validated] Bax Rabbit pAb (orb129529) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of various lysates using [KO Validated] Bax Rabbit pAb (orb129529) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

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