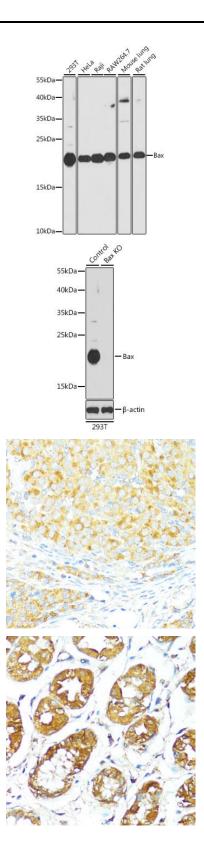
[KO Validated] Bax Rabbit Polyclonal Antibody

CAB12009



| Product Information | Protein Background |
|---|--|
| Size: | The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family member |
| 20uL, 50uL, 100uL, 200uL | form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved i a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and function |
| Observed MW: | as an apoptotic activator. This protein is reported to interact with, and increase the opening o the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss i |
| 20kDa | membrane potential and the release of cytochrome c. The expression of this gene is regulate by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis |
| Calculated MW: | Multiple alternatively spliced transcript variants, which encode different isoforms, have bee |
| 4kDa/12kDa/15kDa/18kDa/1 | reported for this gene. |
| 9kDa/21kDa/24kDa | Immunogen information |
| Applications: | Gene ID: |
| WB IHC IP | 581 |
| Reactivity: | Uniprot |
| Human, Mouse, Rat | Q07812 |
| Antibody Information | Synonyms: BCL2L4; BAX |
| - | |
| Recommended dilutions: WB 1:500 - 1:2000 IHC | |
| 1:100 - 1:200 IP 1:50 - | Immunogen: |
| 1:200 | A synthetic peptide corresponding to a sequence within amino |
| Source: Rabbit | acids 1-100 of human Bax (NP_620116.1). |
| | Storage: |
| lsotype: | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% |
| lgG | sodium azide, 50% glycerol, pH7.3. |

Purification: Affinity purification



Western blot analysis of extracts of various cell lines, using Bax antibody (CAB12009) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Western blot analysis of extracts from normal (control) and Bax knockout (KO) 293T cells, using Bax antibody (CAB12009) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Immunohistochemistry of paraffin-embedded rat ovary using Bax antibody (CAB12009) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded human stomach using Bax antibody (CAB12009) at dilution of 1:100 (40x lens).