

[KO Validated] Bax Antibody

CAB0207

Description

This [KO Validated] Bax Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB0207
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	BCL2 Associated X, Bcl-2-Like Protein 4, Bcl2-L-4, BCL2L4, BAX
Clone:	-
Applications:	WB IHC-P IF/ICC IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	581
Uniprot:	AB_2757021
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	21 kDa
Calculated MW:	21 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

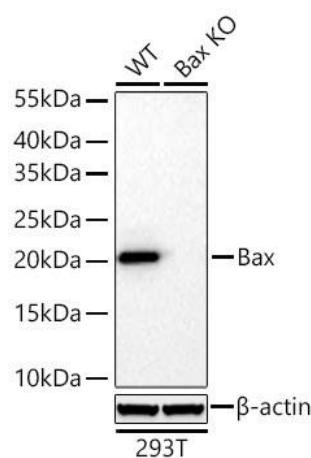
Positive Sample: MCF7, NIH/3T3, Mouse lung, PC-12, 293T

Recommended Dilutions:

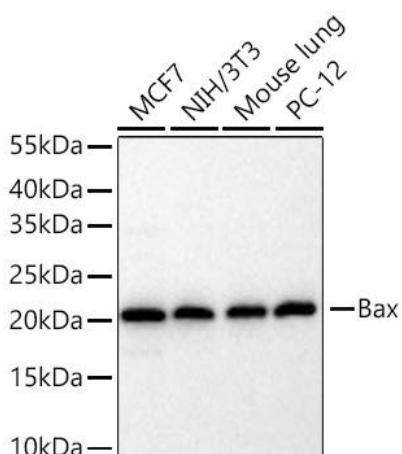
WB	1:2000 - 1:5000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5ug-4ug antibody for 200ug-400ug extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

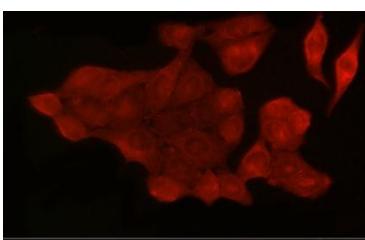
Validation Data



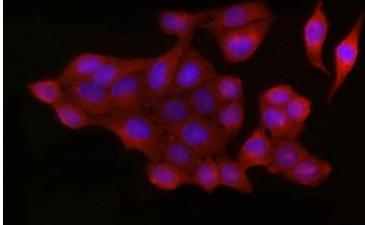
Western blot analysis of lysates from wild type (WT) and Bax knockout (KO) 293T cells using [KO Validated] Bax Rabbit pAb (CAB0207) at 1:3000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5 s.



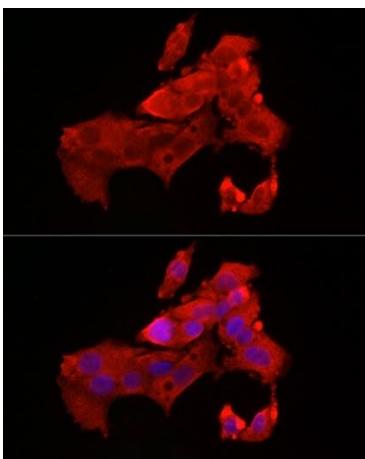
Western blot analysis of various lysates using [KO Validated] Bax Rabbit pAb (CAB0207) at 1:3000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5 s.

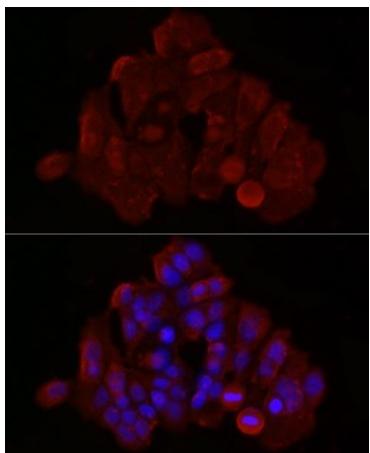


Immunofluorescence analysis of HeLa cells using [KO Validated] Bax Rabbit pAb (CAB0207) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

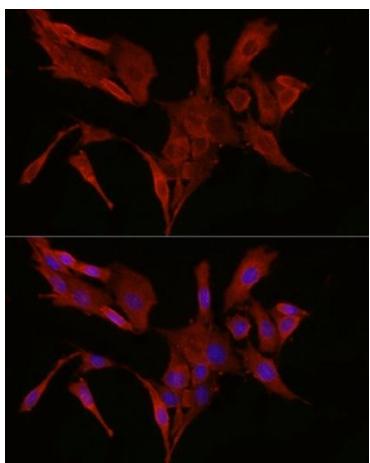


Immunofluorescence analysis of HepG2 cells using [KO Validated] Bax Rabbit pAb (CAB0207) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.





Immunofluorescence analysis of cells using [KO Validated] Bax Rabbit pAb (CAB0207) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using [KO Validated] Bax Rabbit pAb (CAB0207) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.