

IKKalpha Antibody

CAB2062

Description

This IKKalpha 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:	CAB2062
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	BPS2, IKK1, IKKA, IKBKA, TCF16, NFKB1A, IKK-alpha, IKK α
Clone:	-
Applications:	WB IHC-P IF/ICC IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	1147
Uniprot:	AB_2764085
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	85kDa
Calculated MW:	85kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

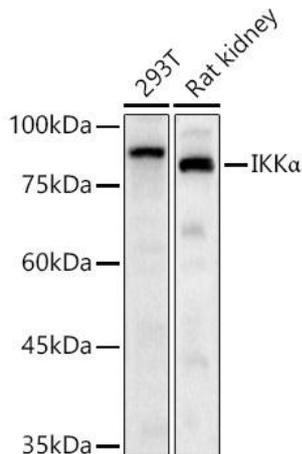
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: 293T, Rat kidney

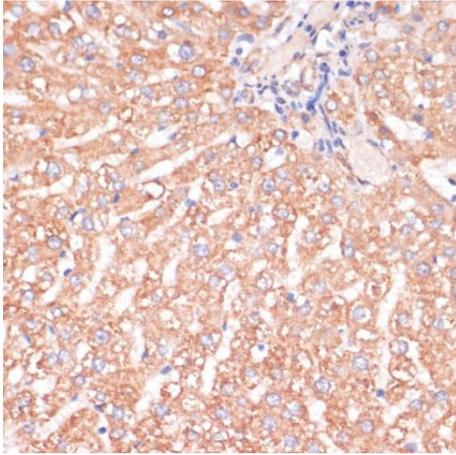
Recommended Dilutions:	WB	1:1000 - 1:5000
	IHC-P	1:50 - 1:200
	IF/ICC	1:50 - 1:200
	IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

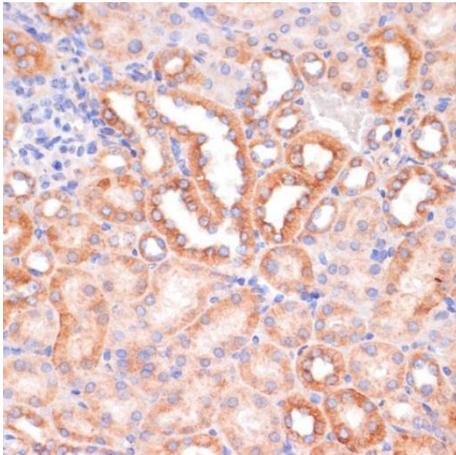
Validation Data



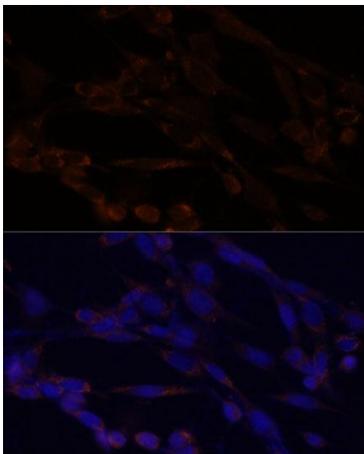
Western blot analysis of various lysates, using IKKα Rabbit pAb (CAB2062) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



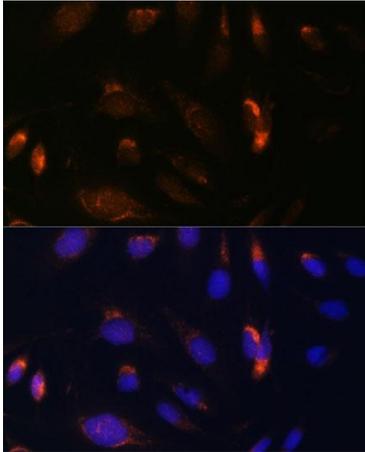
Immunohistochemistry analysis of paraffin-embedded Rat liver using IKK α Rabbit pAb (CAB2062) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



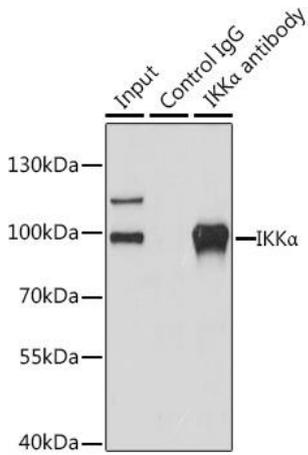
Immunohistochemistry analysis of paraffin-embedded Mouse kidney using IKK α Rabbit pAb (CAB2062) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of NIH/3T3 cells using IKK α Rabbit pAb (CAB2062) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using IKK α Rabbit pAb (CAB2062) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 μ g extracts of 293T cells using 3 μ g IKK α antibody (CAB2062). Western blot was performed from the immunoprecipitate using IKK α antibody (CAB2062) at a dilution of 1:1000.