NRF2 Antibody

CAB11159

Description

This NRF2 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:	CAB11159
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	NRF2, HEBP1, Nrf-2, IMDDHH
Clone:	-
Applications:	WB IHC-P IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	4780
Uniprot:	AB_2758436
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	97-100kDa
Calculated MW:	68kDa

Preparation & Storage

Storage: Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% sodium azide,50% glycerol,pH7.3.
Store Bradford Reagent at Room Temperature for 1 Year.

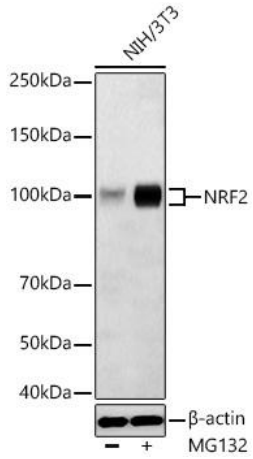
Positive Sample: NIH/3T3 treated with MG132, C6 treated with MG132

Recommended Dilutions:

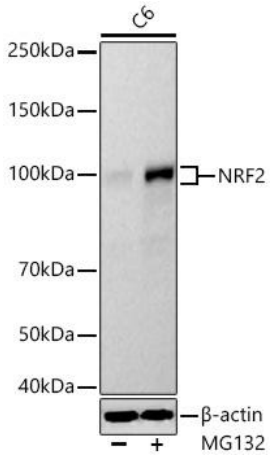
WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

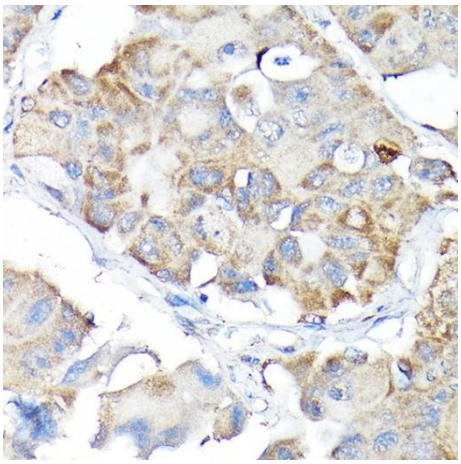
Validation Data



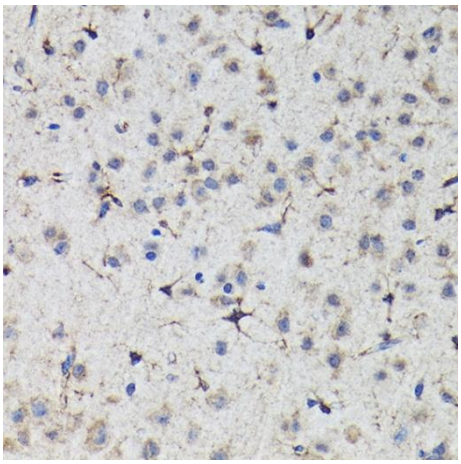
Western blot analysis of lysates from NIH/3T3 cells using Rabbit pAb (CAB11159) at 1:1000 dilution incubated overnight at 4℃. NIH/3T3 cells were treated with (10 µM) at 37℃ for 90 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 45s.



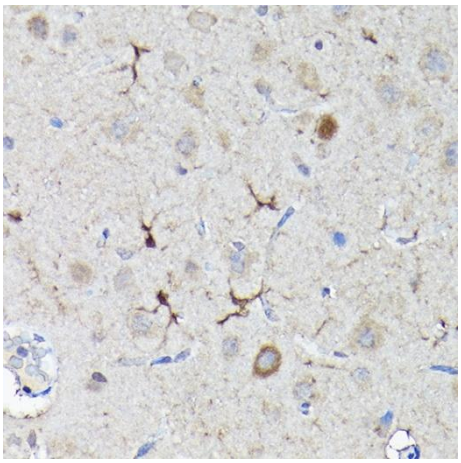
Western blot analysis of lysates from cells using Rabbit pAb (CAB11159) at 1:1000 dilution incubated overnight at 4℃. cells were treated with (10 μM) at 37℃ for 90 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 20s.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Rabbit pAb (CAB11159) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using Rabbit pAb (CAB11159) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Rabbit pAb (CAB11159) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.