# KEAP1 Antibody

**CAB1820**

## Description

This KEAP1 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:** | CAB1820 |
| **Contents:** | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml) |
| **Category:** | Polyclonal Antibody |
| **Synonyms:** | INrf2, KLHL19, KEAP1 |
| **Clone:** | - |
| **Applications:** | WB IHC-P IF/ICC ELISA |
| **Conjugation:** | Unconjugated |
| **Reactivity:** | Human, Mouse, Rat |

## Antibody Data

| | |
|---|---|
| **Gene ID:** | 9817 |
| **Uniprot:** | AB_2763857 |
| **Host Species:** | Rabbit |
| **Purification:** | Affinity purification |
| **Observed MW:** | 60-64kDa |
| **Calculated MW:** | 70kDa |

## Preparation & Storage

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

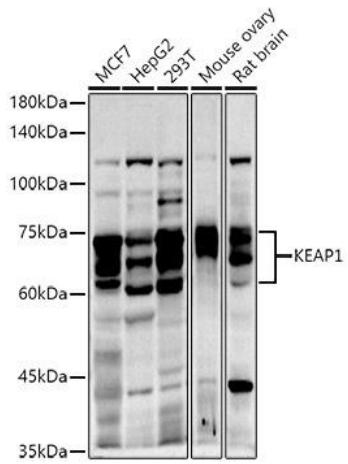
**Positive Sample:** MCF7, HepG2, 293T, Mouse ovary, Rat brain

**Recommended Dilutions:**

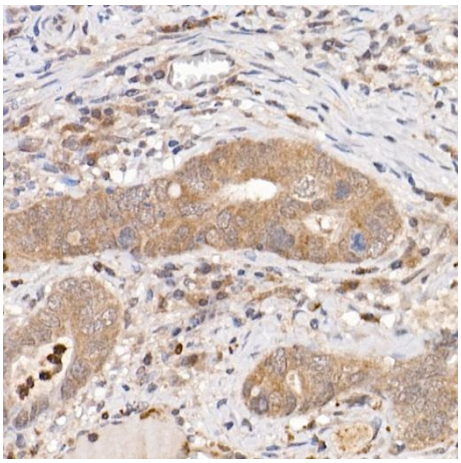
| | |
|---|---|
| **WB** | 1:100 - 1:500 |
| **IHC-P** | 1:50 - 1:200 |
| **IF/ICC** | 1:50 - 1:200 |
| **ELISA** | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

**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

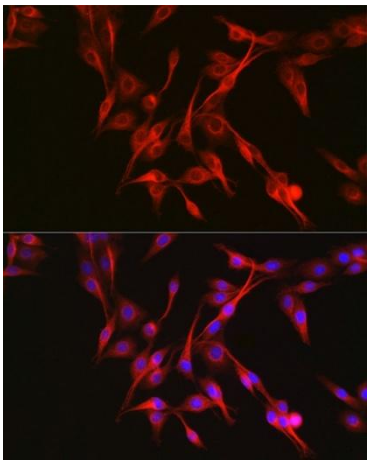
## Validation Data




Western blot analysis of various lysates using KEAP1 Rabbit pAb (CAB1820) at 1:500 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 Enhanced Kit (AbGn00021). Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using KEAP1 Rabbit pAb (CAB1820) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of PC-12 cells using KEAP1 Rabbit pAb (CAB1820) 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.