

## Rabbit KEAP1 Polyclonal Antibody | anti-KEAP1 antibody

KEAP1 Rabbit Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA313720</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

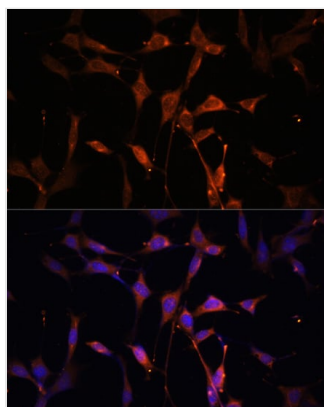
### PRODUCT SYNONYMS

KEAP1; Polyclonal Antibody; KEAP1 Rabbit Polyclonal Antibody; INrf2; KLHL19; anti-KEAP1 antibody

### PRODUCT SPECIFICATIONS

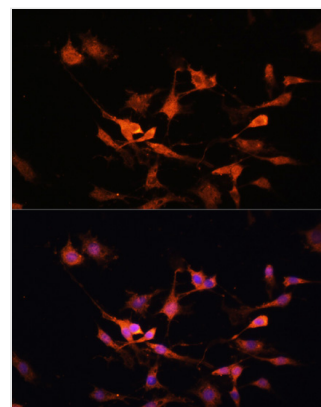
|                                                 |                                                           |
|-------------------------------------------------|-----------------------------------------------------------|
| Host                                            | Rabbit                                                    |
| Reactivity                                      | Human, Mouse, Rat                                         |
| Clonality                                       | Polyclonal                                                |
| Isotype                                         | IgG                                                       |
| Purity/Purification                             | Affinity purification                                     |
| Form/Format                                     | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Applicable Applications for anti-KEAP1 antibody | IF (Immunofluorescence), WB (Western Blot)                |
| Immunogen                                       | A synthetic peptide of human KEAP1.                       |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.          |

### IMAGES



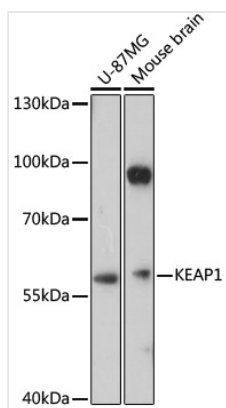
#### IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using KEAP1 at dilution of 1:100. Blue: DAPI for nuclear staining.



#### IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using KEAP1 at dilution of 1:100. Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KEAP1 at 1:1000 dilution.

## ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KEAP1 antibody | This gene encodes a protein containing KELCH-1 like domains, as well as a BTB/POZ domain. Kelch-like ECH-associated protein 1 interacts with NF-E2-related factor 2 in a redox-sensitive manner and the dissociation of the proteins in the cytoplasm is followed by transportation of NF-E2-related factor 2 to the nucleus. This interaction results in the expression of the catalytic subunit of gamma-glutamylcysteine synthetase. Two alternatively spliced transcript variants encoding the same isoform have been found for this gene. |
| Product Categories/Family for anti-KEAP1 antibody   | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 146345444                                                                                                            |
| NCBI GeneID                      | 9817                                                                                                                 |
| UniProt Accession #              | Q14145; Q6LEP0; Q8WTX1; Q9BPY9; B3KPD5                                                                               |
| Molecular Weight                 | 624                                                                                                                  |
| NCBI Official Full Name          | Kelch-like ECH-associated protein 1                                                                                  |
| NCBI Official Synonym Full Names | kelch-like ECH-associated protein 1                                                                                  |
| NCBI Official Symbol             | KEAP1                                                                                                                |
| NCBI Official Synonym Symbols    | INrf2; KLHL19                                                                                                        |
| NCBI Protein Information         | kelch-like ECH-associated protein 1; kelch-like protein 19; cytosolic inhibitor of Nrf2; kelch-like family member 19 |
| UniProt Protein Name             | Kelch-like ECH-associated protein 1                                                                                  |
| UniProt Gene Name                | KEAP1                                                                                                                |
| UniProt Synonym Gene Names       | INRF2; KIAA0132; KLHL19; INrf2                                                                                       |
| UniProt Entry Name               | KEAP1_HUMAN                                                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/keap1-antibody-immunofluorescence-western-blot-elisa/313720>