

KEAP1 Antibody

Catalog No: #32450



Package Size: #32450-1 50ul #32450-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

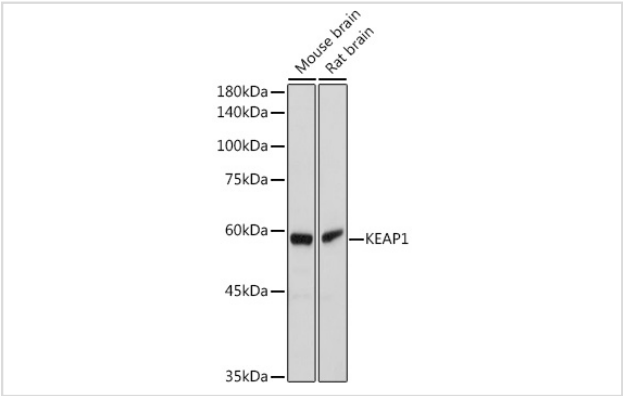
Description

Product Name	KEAP1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total KEAP1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human KEAP1 (NP_036421.2).
Conjugates	Unconjugated
Target Name	KEAP1
Other Names	KEAP1;INrf2;KLHL19
Accession No.	Uniprot:Q14145GenelD:9817
SDS-PAGE MW	60KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

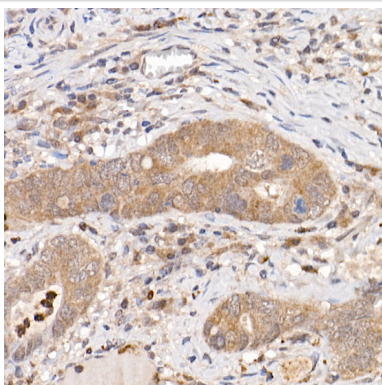
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

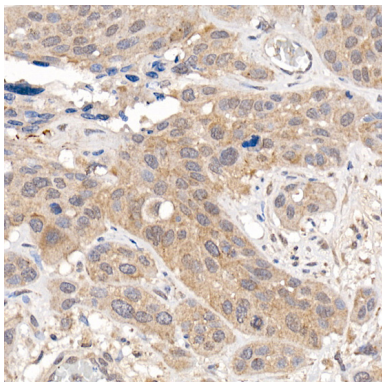
Images



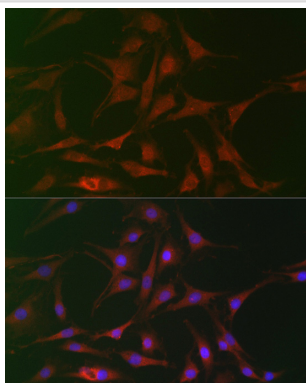
Western blot analysis of extracts of various cell lines, using KEAP1 antibody.



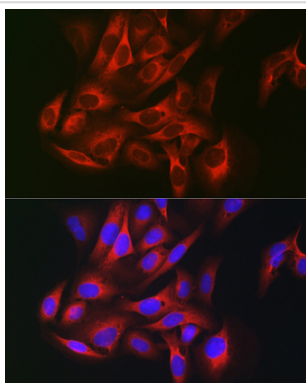
Immunohistochemistry of paraffin-embedded human colon carcinoma using KEAP1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded human esophageal cancer using KEAP1 Rabbit pAb.



Immunofluorescence analysis of C6 cells using KEAP1 Rabbit pAb.



Immunofluorescence analysis of U-2 OS cells using KEAP1 Rabbit pAb.

Background

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.

Published Papers

el at., c-Myc protects hepatocellular carcinoma cell from ferroptosis induced by glutamine deprivation via upregulating GOT1 and Nrf2InMol Biol RepOn2023 AugbyYuxiang Zhao?1,?Yue Wang et al..PMID:?37358765, , (2023)

[PMID:37358765](#)

el at., Association of α -Klotho with regulation of Keap1/Nrf2/Interleukin-1 pathway and AMPA receptor trafficking in the brain of suicide victims. In J Physiol Pharmacol on 2024 Jun by P Panczyszyn-Trzewik, P Misztak,et al..PMID: 39042386, , (2024)

[PMID:39042386](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.