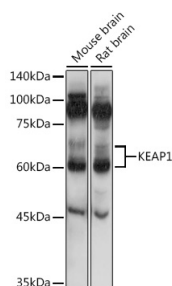
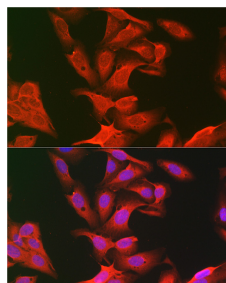


Cat. No:	AB-83755
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human KEAP1.
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 - 1:1000 Immunofluorescence: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200
Molecular Weight:	60-64 kDa
Purification:	Aff. Pur.
Synonyms:	KEAP1;INrf2;KLHL19
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 gammaglutamylcysteine synthetase. Two alternatively spliced transcript variants encoding the same isoform have been found for this gene.
Form:	Liquid
Buffer:	PBS with 0.01% thiomersal,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cell lines, using KEAP1 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus.
Exposure time: 60s.



Immunofluorescence analysis of U2OS cells using KEAP1 Rabbit pAb at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.

References:

References for KEAP1 Rabbit pAb
Product:KEAP1 Rabbit pAb
Journal:International journal of molecular sciences
Application:WB
IF:4.55
Species:Homo sapiens
PMID:32899874
Title:The role of transforming growth factor-beta in retinal ganglion cells with hyperglycemia and oxidative stress

References:

Product:KEAP1 Rabbit pAb
Journal:Molecular immunology
Application:WB
IF:4.4
Species:Homo sapiens
PMID:33461765
Title:Dehydroepiandrosterone attenuates LPS-induced inflammatory responses via activation of Nrf2 in RAW264. 7 macrophages

References:

Product:KEAP1 Rabbit pAb
Journal:Oxidative medicine and cellular longevity
Application:WB
IF:6.54
Species:Homo sapiens
PMID:35222799
Title:4-Octyl Itaconate Prevents Free Fatty Acid-Induced Lipid Metabolism Disorder through Activating Nrf2-AMPK Signaling Pathway in Hepatocytes

References:

Product:KEAP1 Rabbit pAb
Journal: Journal of applied toxicology : JAT
Application:WB
IF:3.62
Species:Mus musculus
PMID:36008890
Title: Liquiritin alleviates alpha-naphthylisothiocyanate-induced intrahepatic cholestasis through the Sirt1/FXR/Nrf2 pathway

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