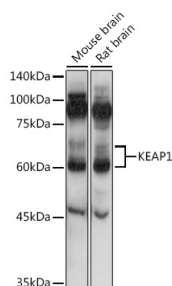
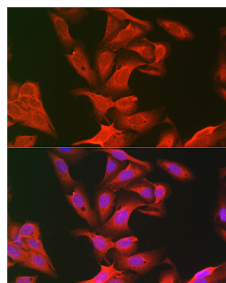


<b>Cat. No:</b>	AB-83755
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human KEAP1.
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	Western Blot: 1:500 - 1:1000 Immunofluorescence: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200
<b>Molecular Weight:</b>	60-64 kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	KEAP1;INrf2;KLHL19
<b>Background:</b>	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.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.01% thiomersal,50% glycerol,pH7.3.
<b>Storage:</b>	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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