

Recombinant Keap1 Monoclonal Antibody

catalog number: **E-AB-81505**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

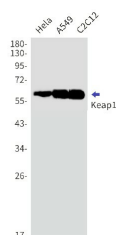
Reactivity	Human;Mouse
Immunogen	Recombinant protein of human Keap1
Host	Rabbit
Isotype	IgG
Clone	R02-1H7
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

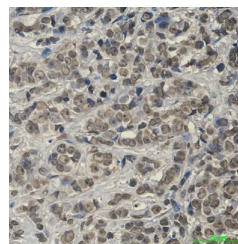
WB	1:500-1:1000
IHC	1:20-1:50

Data



Western blot detection of Keap1 in HeLa,A549,C2C12 cell lysates using Keap1 Rabbit mAb(1:1000 diluted).Predicted band size:70kDa.Observed band size:60-64kDa.

Observed-MV:60 /64 kDa
Calculated-MV:70 kDa



Immunohistochemical of Keap1 in Human breast cancer tissue using Keap1 antibody at dilution 1:20

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

KEAP1,also named as INRF2,KIAA0132 and KLHL19,is part of a multiprotein complex that contains the CUL3-ROC1 ubiquitin ligase,which can ubiquitinate the N-terminal domain of NRF2. Two molecules of KEAP1 bind to two distinct sites in the N-terminal region of NRF2,the ETGE and DLG sites,which affect the KEAP1-NRF2 interaction and/or its physiological consequences. KEAP1 retains NFE2L2/NRF2 in the cytosol. It functions as substrate adapter protein for the E3 ubiquitin ligase complex formed by CUL3 and RBX1. It also retains BPTF in the cytosol. This antibody is a mouse monoclonal antibody raised against residues near the C terminus of human KEAP1.

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