

KEAP1 Polyclonal Antibody

Catalog No. E-AB-19309

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

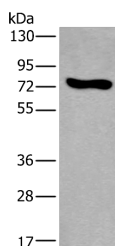
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide of human KEAP1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

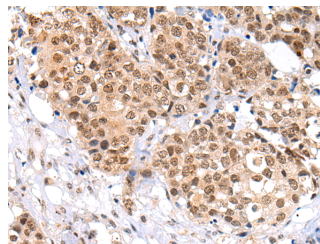
Applications Recommended Dilution

WB 1:500-1:2000,
IHC 1:25-1:100,
ELISA
1:5000-1:10000

Data



Western blot analysis of NIH/3T3 cell lysate using KEAP1 Polyclonal Antibody at dilution of 1:600
Observed Mw:Refer to figures
Calculated Mw:70 kDa



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using KEAP1 Polyclonal Antibody at dilution of 1:35(×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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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