Anti-KEAP1 antibody

Cat. No.	ml260984
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-KEAP1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human KEAP1
Reactivity	Human, Mouse, Rat
Content	0.8 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	KEAP1
Full name	kelch like ECH associated protein 1

Synonyms	INrf2; KLHL19
Swissprot	Q14145

Target 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.

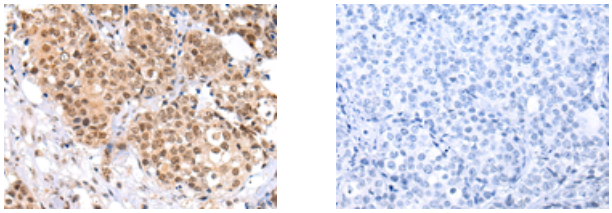
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human breast cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml260984(KEAP1 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size:70 kDa

Positive control:NIH/3T3 cell lysate

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

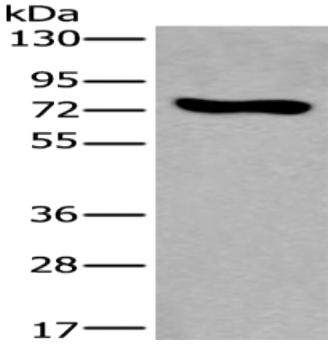
Lysate: 40 μg

Lane: NIH/3T3 cell lysate

Primary antibody: ml260984(KEAP1 Antibody) at dilution 1/600

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 5000-10000

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