

# Anti-Keap1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

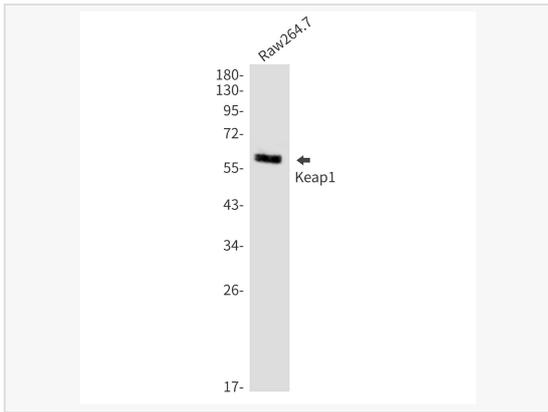
Catalog # R013263

## Product Information

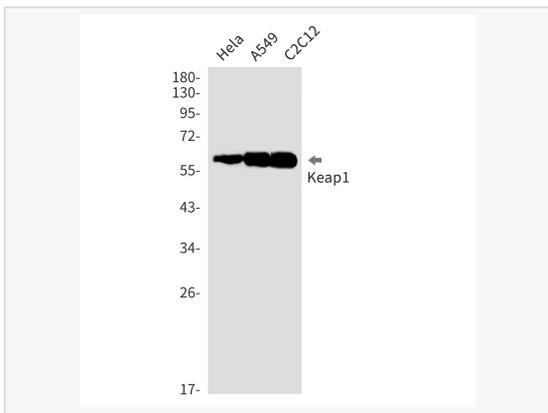
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	21K02L70
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Keap1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Keap1 antibody [21K02L70] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

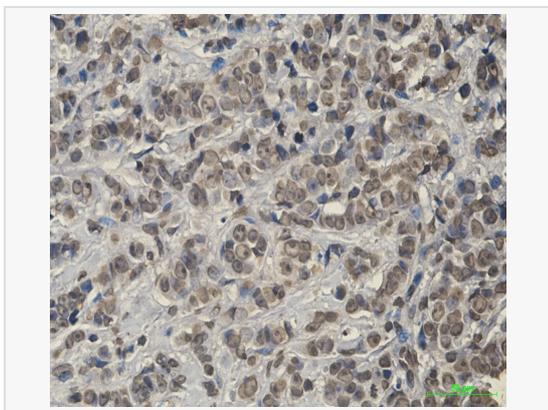
Synonyms	INrf2, KLHL19.
Calculated MW	Calculated MW: 70 kDa; Observed MW: 60-64 kDa
Uniprot ID	Q14145
Gene ID	9817
Background	This gene encodes a protein containing KELCH-1 like domains, as well as a BTB/POZ domain. Kelch-like ECH-associated protein 1 interacts with NF-E2-related factor 2 in a redox-sensitive 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. [provided by RefSeq, Jul 2008]



Western blot analysis of Keap1 in Raw264.7 lysates using Keap1 antibody.



Western blot analysis of Keap1 in HeLa, A549, C2C12 lysates using Keap1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Keap1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.