

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

KEAP1 RABBIT PAB

Cat.#: S213874

Product Name: Anti-KEAP1 Rabbit Polyclonal Antibody

Synonyms: INrf2; KLHL19

UNIPROT ID: Q14145 (Gene Accession - NP_036421)

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.

Immunogen: Synthetic peptide of human KEAP1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

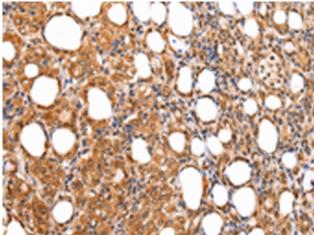
Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

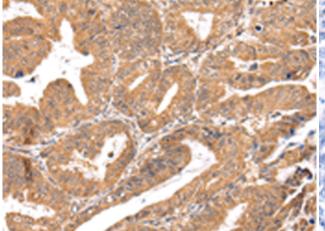


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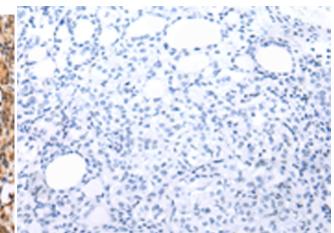
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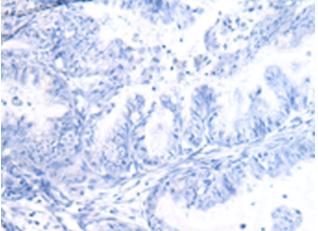
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 213874(KEAP1 Antibody) at a dilution of 1/35(Cytoplasm and Nucleus).



The image on the left is immunohistochemistry of paraffinembedded Human esophagus cancer tissue using 213874(Anti-KEAPI Antibody) at a dilution of 1/35.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 213874(Anti-KEAP1 Antibody) at dilution 1/35.



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with synthetic peptide and then with D160984(Anti-KEAP1 Antibody) at dilution 1/35.