

## KLHL12 RABBIT PAB

**Cat.#:** S218412

**Product Name:** Anti-KLHL12 Rabbit Polyclonal Antibody

**Synonyms:** DKIR; C3IP1

**UNIPROT ID:** Q53G59 (Gene Accession - BC003183 )

**Background:** This gene encodes a member of the KLHL (Kelch-like) family of proteins. This protein has been identified as an autoantigen in the autoimmune disease Sjogren's syndrome and as a potential biomarker in primary biliary cirrhosis. This protein may act as a substrate adaptor of the Cullin-3 ubiquitin ligase complex to promote substrate-specific ubiquitylation. Ubiquitylation by this complex has been shown to regulate the Wnt signaling pathway as well as COPII vesicle coat size. A pseudogene has been identified on chromosome 22. Alternative splicing results in multiple transcript variants.

**Immunogen:** Fusion protein of human KLHL12

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

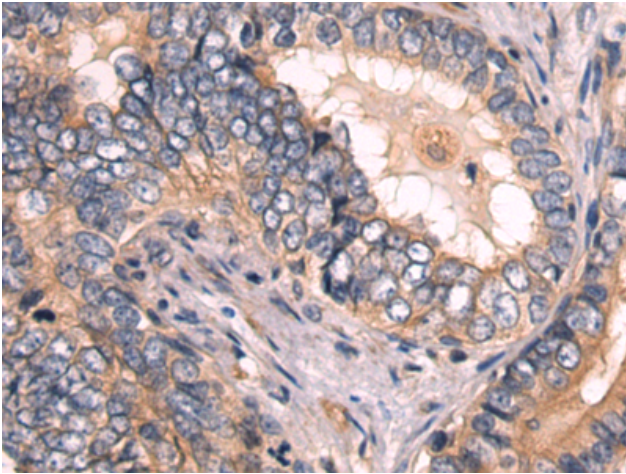
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

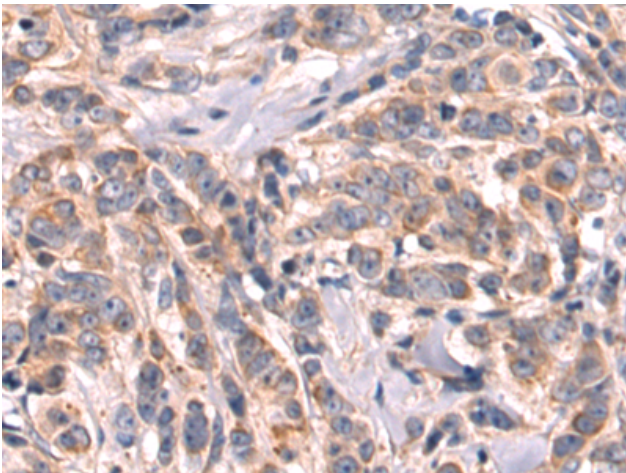
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



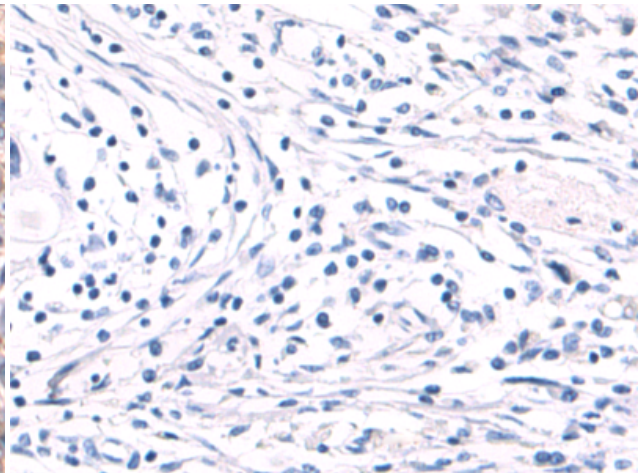
Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 218412 (KLHL12 Antibody) at a dilution of 1/80 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the fusion protein and then with 218412 (Anti-KLHL12 Antibody) at dilution 1/80.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 218412 (Anti-KLHL12 Antibody) at a dilution of 1/80.



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D224360 (Anti-KLHL12 Antibody) at dilution 1/80.