

## UBE2D1 RABBIT PAB

**Cat.#:** S218314

**Product Name:** Anti-UBE2D1 Rabbit Polyclonal Antibody

**Synonyms:** SFT; UBCH5; UBC4/5; UBCH5A; E2(17)KBI

**UNIPROT ID:** P51668 (Gene Accession - BC005980 )

**Background:** The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF1alpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases. Two transcript variants encoding different isoforms have been found for this gene.

**Immunogen:** Fusion protein of human UBE2D1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 200-400;WB: 1000-5000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

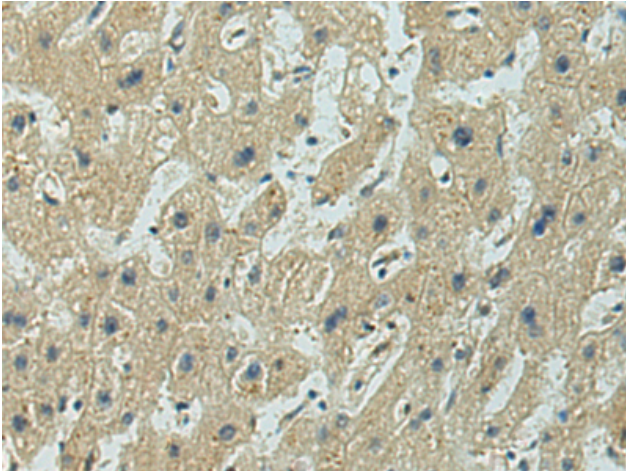
**Purification:** Antigen affinity purification

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

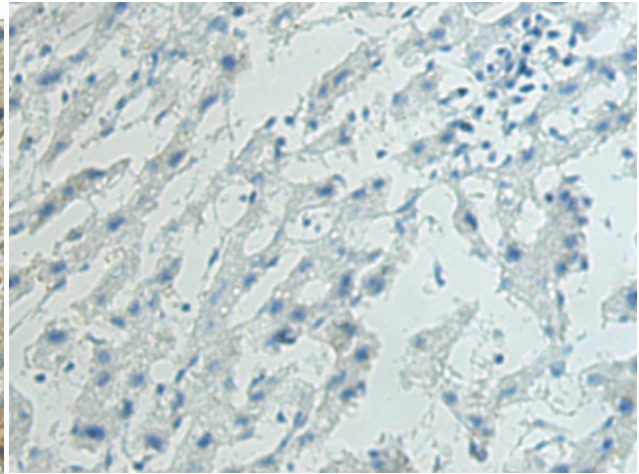
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Cell Biology

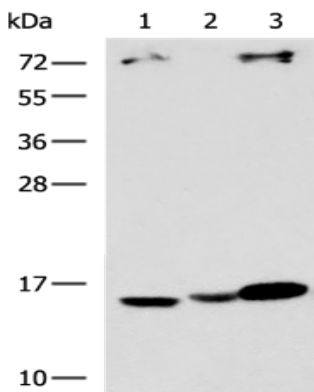
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218314(UBE2D1 Antibody) at a dilution of 1/240(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218314(Anti-UBE2D1 Antibody) at dilution 1/240.



Gel: 12%SDS-PAGE, Lysate: 40 µg;  
Lane 1-3: Jurkat, 231 and LOVO cell lysates;  
Primary antibody: 218314(UBE2D1 Antibody) at dilution 1/1000;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 30 seconds