

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **CITED4 RABBIT PAB**

Cat.#: S221741

Product Name: Anti-CITED4 Rabbit Polyclonal Antibody

Synonyms:

**UNIPROT ID:** Q96RK1 (Gene Accession - NP\_597724)

**Background:** The protein encoded by this intronless gene belongs to the CITED family of transcriptional coactivators that bind to several proteins, including CREB-binding protein (CBP) and p300, via a conserved 32 aa C-terminal motif, and regulate gene transcription. This protein also interacts with transcription factor AP2 (TFAP2), and thus may function as a co-activator for TFAP2. Hypermethylation and transcriptional downregulation of this gene has been observed in oligodendroglial tumors with deletions of chromosomal arms 1p and 19q, and associated with longer recurrence-free and overall survival of patients with oligodendroglial tumors.

Immunogen: Synthetic peptide of human CITED4

Applications: ELISA, IHC

**Recommended Dilutions:** IHC: 30-150; ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

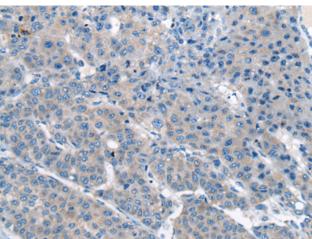
**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

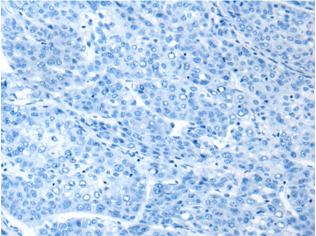
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

Research Areas: Epigenetics and Nuclear Signaling, Cardiovascular Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221741(CITED4 Antibody) at a dilution of 1/65(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221741(Anti-CITED4 Antibody) at dilution 1/65.