

PACO20944

---

## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:1000-1:2000, WB:1:200-1:1000,  
IHC:1:25-1:100

**Protein Background:**

Serine/arginine-rich protein-specific kinase which specifically phosphorylates its substrates at serine residues located in regions rich in arginine/serine dipeptides, known as RS domains and is involved in the phosphorylation of SR splicing factors and the regulation of splicing. Promotes neuronal apoptosis by up-regulating cyclin-D1 (CCND1) expression. This is done by the phosphorylation of SRSF2, leading to the suppression of p53/TP53 phosphorylation thereby relieving the repressive effect of p53/TP53 on cyclin-D1 (CCND1) expression. Phosphorylates ACIN1, and redistributes it from the nuclear speckles to the nucleoplasm, resulting in cyclin A1 but not cyclin A2 up-regulation. Plays an essential role in spliceosomal B complex formation via the phosphorylation of DDX23/PRP28. Can mediate hepatitis B virus (HBV) core protein phosphorylation.

**Gene ID:**

ZFAND2A

**Uniprot**

Q8N6M9

**Synonyms:**

zinc finger, AN1-type domain 2A

**Immunogen:**

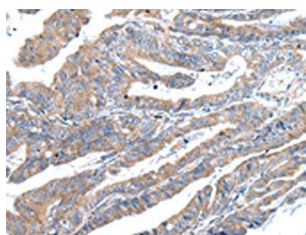
Synthetic peptide of human ZFAND2A.

**Storage:**

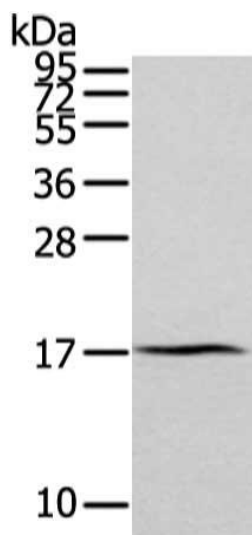
-20&deg; C, pH7.4 PBS, 0.05% NaN<sub>3</sub>, 40% Glycerol

## Product Images

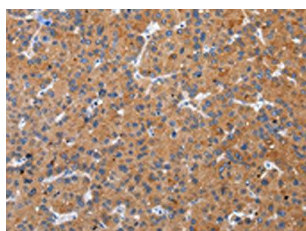
---



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PACO20944(ZFAND2A Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 12%SDS-PAGE, Lysate: 40 ug, Lane: Human normal kidney tissue, Primary antibody: PACO20944(ZFAND2A Antibody) at dilution 1/300 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO20944(ZFAND2A Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x—200).