COPS7A Antibody

PACO43709

Product Information

Size:

50ul

Reactivity:

Human, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000, IHC:1:20-1:200

Protein Background:

Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, JUN, I-kappa-B-alpha/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively.

Gene ID:

COPS7A

Uniprot

Q9UBW8

Synonyms:

COP9 signalosome complex subunit 7a (SGN7a) (Signalosome subunit 7a) (Dermal papilla-derived protein 10) (JAB1-containing signalosome subunit 7a), COPS7A, CSN7A DERP10

Immunogen:

Recombinant Human COP9 signalosome complex subunit 7a protein (1-275AA).

Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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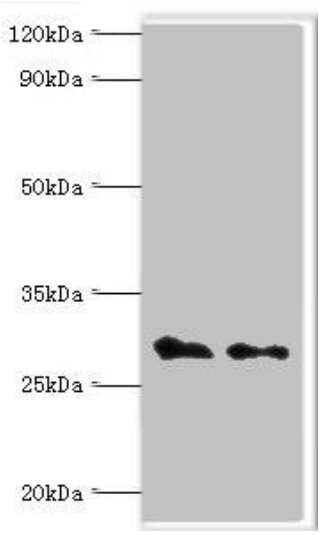
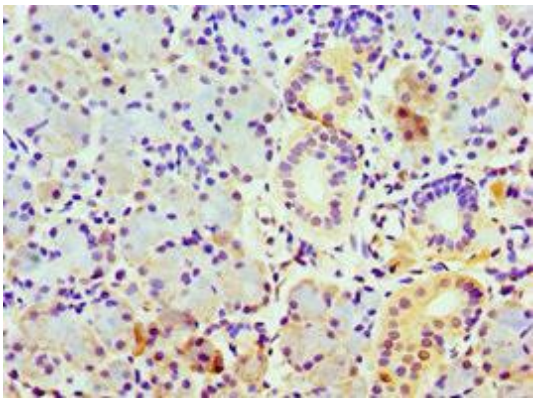
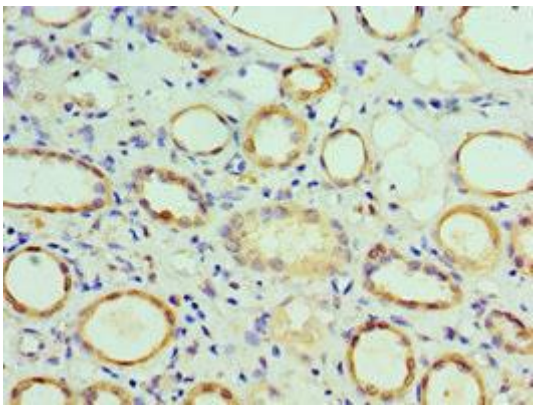
Product Images



Western blot. All lanes: COP9 signalosome complex subunit 7a antibody at 4µg/ml. Lane 1: Rat heart tissue. Lane 2: Rat brain tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 30 kDa. Observed band size: 30 kDa.



Immunohistochemistry of paraffin-embedded human pancreatic tissue using PACO43709 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO43709 at dilution of 1:100.