

## DCP2 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 252209

**Unit:** 0.1 mg

**Description:**

mRNA-decapping enzyme 2 (DCP2) is necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. DCP2 plays a role in replication-dependent histone mRNA degradation. DCP2 removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'-phosphorylated mRNA fragment and 7m-GDP. DCP2 has higher activity towards mRNAs that lack a poly(A) tail, and has no activity towards a cap structure lacking a RNA moiety.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H, M, R

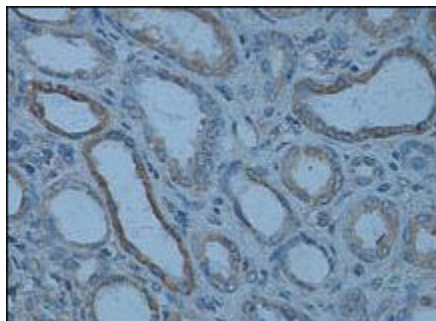
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** mRNA-decapping enzyme 2; hDpc; Nucleoside diphosphate-linked moiety X motif 20; Nudix motif 20; DCP2; NUDT20

**Accession No.:** Q8IU60

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human DCP2.

**Application Notes:** E: 1:10,000-1:50,000; WB: 1:100-1:1,000; IHC: 1:50-1:250



**DCP2 staining in human kidney. Paraffin-embedded human kidney is stained with DCP2 Antibody (Cat. No. 252209) used at 1:100 dilution.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.