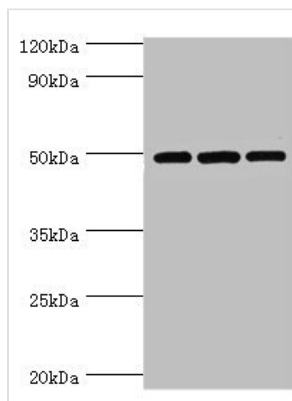


DCP2 Antibody

Product Code	CSB-PA810265ESR1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q8IU60
Immunogen	Recombinant Human m7GpppN-mRNA hydrolase protein (1-240AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200
Relevance	Decapping metalloenzyme that catalyzes the cleavage of the cap structure on mRNAs. Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5\'-phosphorylated mRNA fragment and 7m-GDP. Necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Plays a role in replication-dependent histone mRNA degradation. Has higher activity towards mRNAs that lack a poly(A) tail. Has no activity towards a cap structure lacking an RNA moiety.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	m7GpppN-mRNA hydrolase (EC 3.6.1.62) (Nucleoside diphosphate-linked moiety X motif 20) (Nudix motif 20) (mRNA-decapping enzyme 2) (hDpc), DCP2, NUDT20
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	DCP2

Image



Western blot

All lanes: m7GpppN-mRNA hydrolase antibody at 7µg/ml

Lane 1: Hela whole cell lysate

Lane 2: Jurkat whole cell lysate

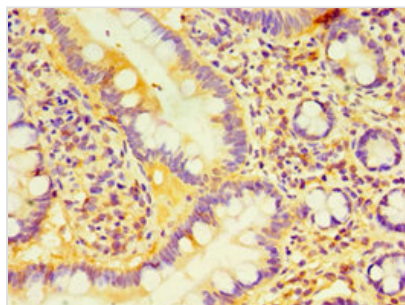
Lane 3: 293T whole cell lysate

Secondary

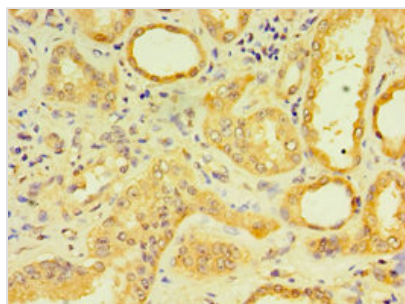
Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 49, 45 kDa

Observed band size: 49 kDa



Immunohistochemistry of paraffin-embedded human small intestine tissue using CSB-PA810265ESR1HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human kidney tissue using CSB-PA810265ESR1HU at dilution of 1:100