

Product datasheet for **AP51202PU-N**

DCP2 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow cytometry: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 151~181 amino acids from the Center region of Human DCP2
Specificity:	This antibody recognizes Human DCP2 (Center).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	decapping mRNA 2
Database Link:	Entrez Gene 167227 Human Q8IU60
Background:	DCP2 is a key component of an mRNA-decapping complex required for removal of the 5-prime cap from mRNA prior to its degradation from the 5-prime end (Fenger-Gron et al., 2005).



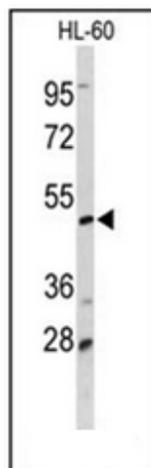
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Synonyms: mRNA-decapping enzyme 2, hDpc, NUDT20, Nudix motif 20

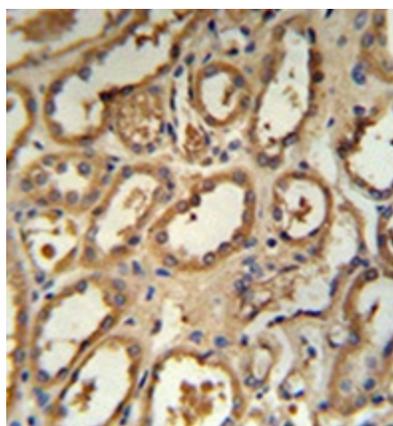
Note: **Molecular Weight:** 48457 Da

Protein Pathways: RNA degradation

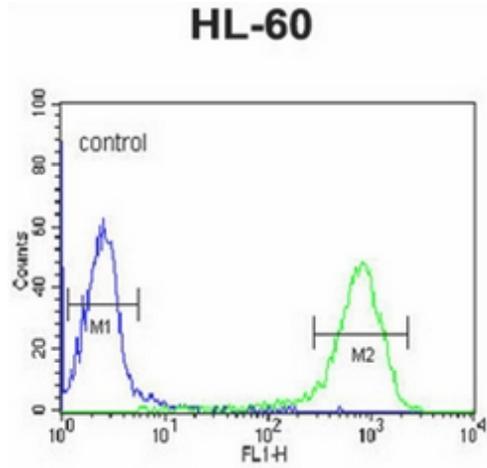
Product images:



Western blot analysis of DCP2 Antibody (Center) in HL-60 cell line lysates (35ug/lane). DCP2 (arrow) was detected using the purified Pab.



Formalin fixed and paraffin embedded human kidney tissue stained with DCP2 Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Flow cytometric analysis of HL-60 cells using DCP2 Antibody (Center) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.