

RNGTT Polyclonal Antibody

Catalog number: 12430-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

RNGTT; CAP1A,

DKFZp686J2031, GTase, GTP

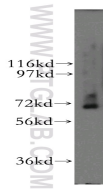
RNA guanylyltransferase, hCAP,

HCAP1, HCE, HCE1, mRNA 5

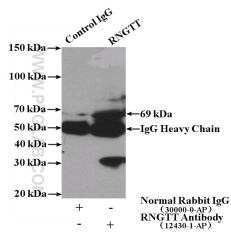
triphosphatase, mRNA capping

enzyme, RNGTT, TPase mRNA

guanylyltransferase



human kidney tissue were subjected to SDS PAGE followed by western blot with 12430-1-AP(RNGTT antibody) at dilution of 1:800



IP Result of anti-RNGTT (IP:12430-1-AP, 4µg; Detection:12430-1-AP 1:500) with mouse kidney tissue lysate 4000µg.

Background

RNGTT(mRNA-capping enzyme) is also named as HCAP1, HCE, CAP1A. In the N-terminal section it belongs to the non-receptor class of the protein-tyrosine phosphatase family and in the C-terminal section it belongs to the eukaryotic GTase family. It is a bifunctional 597-amino acid protein with RNA triphosphatase and RNA guanylyltransferase activities(PMID:9545288). It has 4 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated RNGTT MW:	597aa,69 kDa
Observed RNGTT MW:	69 kDa
Positive WB detected in	Human kidney tissue
Positive IP detected in	Mouse kidney tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3105
GenBank accession number:	BC019954
Gene ID (NCBI):	8732
Full name:	RNA guanylyltransferase and 5'-phosphatase

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.