

## Allgemeine Informationen

## Katalog-Nr.:

55197-1-AP

## Größe:

150ul , Konzentration: 353 µg/ml durch die Bradford-Methode mit BSA als Standard;

## Wirt:

Kaninchen

## Isotyp:

IgG

## GenBank-Zugangsnummer:

NM\_001040285

## GeneID (NCBI):

64282

## Vollständiger Name:

PAP associated domain containing 5

## Berechnete Masse:

64 kDa

## Beobachtete Masse:

63-80 kDa

## Reinigungsmethode:

Antigen-Affinitätsreinigung

## Empfohlene Verdünnungen:

WB 1:500-1:1000  
IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB

## Anwendungen

## Geprüfte Anwendungen:

IP, WB, ELISA

## In Publikationen genannte Anwendungen:

WB

## Getestete Reaktivität:

Human, Maus, Ratte

## Zitierte Arten:

Human

## Positivkontrollen:

WB : HepG2-Zellen,

IP : Jurkat-Zellen,

## Hintergrundinformationen

PAPD5, also named as Non-canonical poly(A) RNA polymerase PAPD5, is a 572 amino acid protein, which contains 1 PAP-associated domain and belongs to the DNA polymerase type-B-like family. PAPD5 is predominantly expressed in the cytoplasm. PAPD5 as catalytic subunit of a TRAMP-like complex that has a poly(A) RNA polymerase activity and is involved in a post-transcriptional quality control mechanism. Polyadenylation with short oligo(A) tails is required for the degradative activity of the exosome on several of its nuclear RNA substrates. PAPD5 plays a role in replication-dependent histone mRNA degradation, probably through terminal uridylation of mature histone mRNAs. PAPD5 also may play a role in sister chromatid cohesion. The calculated molecular weight of PAPD5 is a 63 kDa, but the post-modified protein is about 70-80 kDa. PAPD5 exists some isoform with the molecular weight about 50 kDa and 70-80 kDa.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jing Fan	30032211	Nucleic Acids Res	WB

## Lagerung

## Lagerungsbedingungen:

Bei -20°C lagern.

## Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

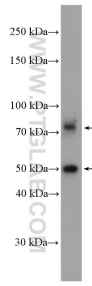
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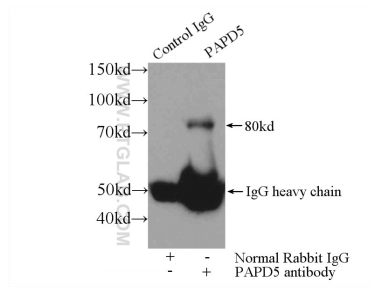
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## Ausgewählte Validierungsdaten



HepG2 cells were subjected to SDS PAGE followed by western blot with 55197-1-AP (PAPD5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-PAPD5 (IP:55197-1-AP, 3ug; Detection:55197-1-AP 1:500) with Jurkat cells lysate 1600ug.