

IMP4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP9358b

Product Information

Application IHC-P, WB, E Primary Accession Q96G21

Other Accession O5POR5, O8VHZ7

Reactivity Human
Predicted Mouse, Rat
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Clone Names RB24750
Antigen Region 215-243

Additional Information

Other Names U3 small nucleolar ribonucleoprotein protein IMP4, U3 snoRNP protein IMP4,

Brix domain-containing protein 4, IMP4, BXDC4

Target/Specificity This IMP4 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 215-243 amino acids from the

C-terminal region of human IMP4.

Dilution IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions IMP4 Antibody (C-term) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

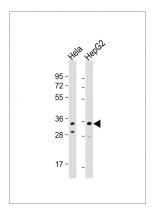
Background

IMP4 forms a ternary complex with IMP3 (MIM 612980) and MPP10 (MPHOSPHO10; MIM 605503) that interacts with U3 small nucleolar RNA (snoRNA), which is required for the early cleavage steps in pre-rRNA processing.

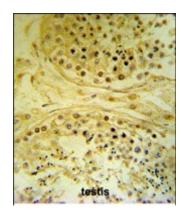
References

Hillier, L.W. Nature 434 (7034), 724-731 (2005) Andersen, J.S. Nature 433 (7021), 77-83 (2005) Granneman, S. Nucleic Acids Res. 31 (7), 1877-1887 (2003)

Images



All lanes: Anti-IMP4 Antibody (C-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 34 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



IMP4 Antibody (C-term) (Cat. #AP9358b) IHC analysis in formalin fixed and paraffin embedded human testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IMP4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.