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IMP3

Rabbit Monoclonal antibody(Mab)
Catalog # AD80084

Product Information

Application	IHC-P
Primary Accession	Q9NV31
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	998B5F6
Calculated MW	21850

Additional Information

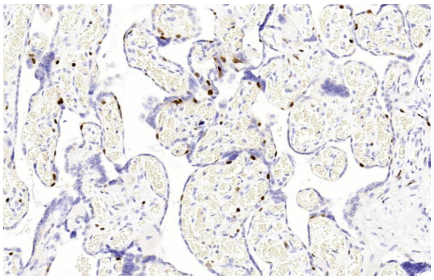
Gene ID	55272
Gene Name	IMP3
Other Names	U3 small nucleolar ribonucleoprotein protein IMP3, U3 snoRNP protein IMP3, BRMS2, IMP3 (HGNC:14497), C15orf12, MRPS4
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	IMP3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

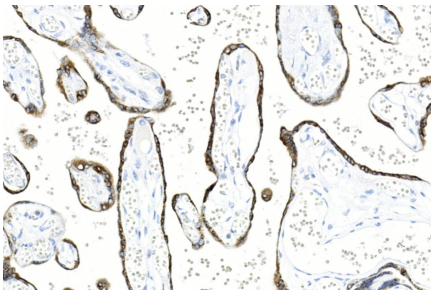
Name	IMP3 (HGNC:14497)
Synonyms	C15orf12, MRPS4
Function	Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing (PubMed:12655004). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797).
Cellular Location	Nucleus, nucleolus

Images

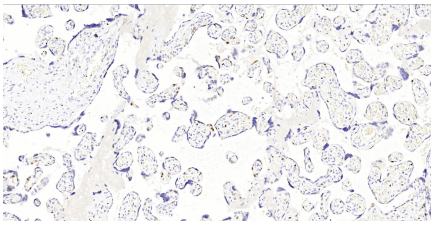
Immunohistochemical analysis of formalin-fixed and



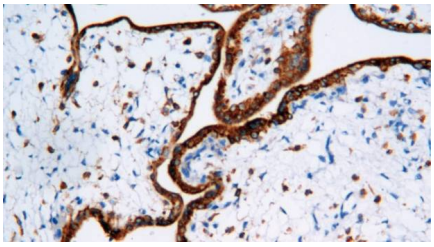
paraffin-embedded human placenta tissue was performed with IMP3 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human placenta tissue was performed with IMP3 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



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