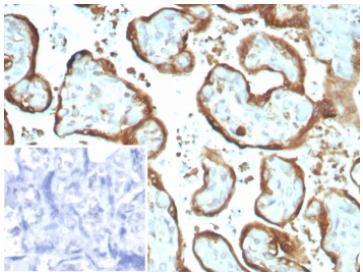
IMP3 Antibody / Insulin like growth factor 2 mRNA binding protein 3 [clone IMP3/8934R] (V4394)

Catalog No.	Formulation	Size
V4394-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4394-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4394SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	IMP3/8934R
Purity	Protein A/G affinity
UniProt	Q9NV31
Localization	Nucleus
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This IMP3 antibody is available for research use only.



IHC staining of FFPE human placental tissue with IMP3 antibody (clone IMP3/8934R) Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

Imp3, also known as BRMS2, C15orf12 or MRPS4, is a 184 amino acid protein that contains one S4 RNA-binding domain

and is the mammalian homolog of the yeast Imp3 protein. Localized to the nucleus, Imp3 exists as a component of a heterotrimeric complex consisting of MPP10, Imp3 and Imp4 and, in this complex, plays a key role in early cleavage events during pre-18S ribosomal processing. The gene encoding Imp3 maps to human chromosome 15, which houses over 700 genes and comprises nearly 3% of the human genome. Angelman syndrome, Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are all associated with defects in chromosome 15-localized genes.

Application Notes

Optimal dilution of the IMP3 antibody should be determined by the researcher.

Immunogen

A recombinant fragment of human protein was used as the immunogen for the IMP3 antibody.

Storage

Aliquot the IMP3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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