

CTNNBL1 Mouse mAb

Catalog # AP53515

Product Information

Primary Accession	Q8WYA6
Host	Mouse
Clonality	Monoclonal Antibody
Calculated MW	65173

Additional Information

Gene ID	56259
Other Names	NAP; P14L; PP8304; C20orf33; dj633O20.1
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

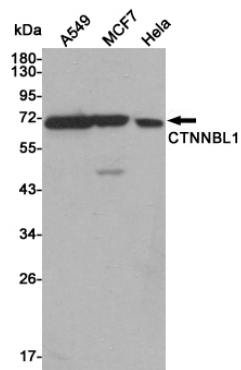
Protein Information

Name	CTNNBL1
Synonyms	C20orf33
Function	Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. Participates in AID/AICDA-mediated somatic hypermutation (SHM) and class-switch recombination (CSR), 2 processes resulting in the production of high-affinity, mutated isotype-switched antibodies (PubMed: 32484799).
Cellular Location	[Isoform 1]: Nucleus.
Tissue Location	Widely expressed with highest levels in skeletal muscle, placenta, heart, spleen, testis and thyroid

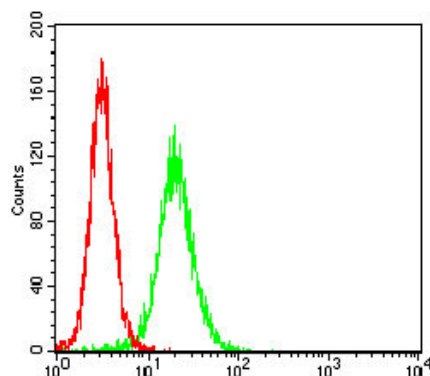
Background

Swiss-Prot Acc.Q8WYA6.The protein encoded by this gene is a component of the pre-mRNA-processing factor 19-cell division cycle 5-like (PRP19-CDC5L) protein complex, which activates pre-mRNA splicing and is an integral part of the spliceosome. The encoded protein is also a nuclear localization sequence binding protein, and binds to activation-induced deaminase and is important for antibody diversification. This gene may also be associated with the development of obesity. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been defined on the X chromosome.

Images



Western blot detection of CTNNBL1 in A549, MCF7 and HeLa cell lysates using CTNNBL1 mouse mAb (1:500 diluted). Predicted band size: 65 kDa. Observed band size: 65 kDa.



Flow cytometric analysis of HeLa cells using CTNNBL1 mouse mAb (green) and negative control (red).

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