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YTHDC2 Rabbit mAb

货号: AYT1171

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Homo sapiens , Rana amurensis Boulenger
应用	WB, IHC, ICC/IF
推荐浓度	**WB:** 1:1000 - 1:5000 **IHC 1:100-1:500:** **IF: 1:100-1:500:**
理论分子量	160kDa
实测分子量	160KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Mouse testis,Rat testis
细胞定位	endoplasmic reticulum,nucleus,perinuclear region of cytoplasm
纯化	Affinity purification

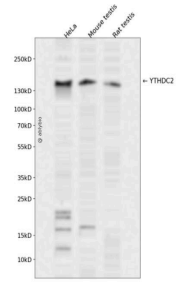
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1131-1430 of human YTHDC2 (NP_073739.3).

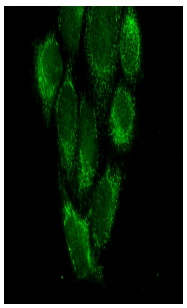
靶点信息

研究背景	This gene encodes a member of the DEAH (Asp-Glu-Ala-His) subfamily of proteins, part of the DEAD (Asp-Glu-Ala-Asp) box family of RNA helicases. The encoded protein binds to N6-methyladenosine, a common modified RNA nucleotide that is enriched in the stop codons and 3' UTRs of eukaryotic messenger RNAs. Binding of proteins to this modified nucleotide may regulate mRNA translation and stability. This gene ma y be associated with susceptibility to pancreatic cancer in human patients, and knockdown of this gene r esulted in reduced proliferation in a human liver cancer cell line. [provided by RefSeq, Sep 2016]
基因ID	64848
基因名	YTHDC2
Swiss	Q9H6S0 (https://www.uniprot.org/uniprotkb/Q9H6S0/entry)
别名	YTHDC2,CAHL,YTHDC2 Rabbit pAb,YTH domain-containing protein 2

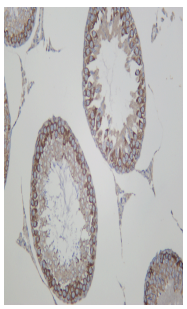
产品验证



Western blot analysis of YTHDC2 expressed in HeLa,Mouse testis,Rat testis using YTHDC2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunofluorescence analysis of HeLa cells labelling YTHDC2 with .1:200 The cells were fixed with cold 10 0% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Twe en 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.



Rat testis was stained with anti-YTHDC2 Rabbit antibody,1:200

实验步骤

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