

Nur für Forschungszwecke

YTHDC1 Monoklonaler Antikörper

Katalog-Nr.:67911-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67911-1-Ig	GenBank-Zugangsnummer: BC053863	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von91746 Nanodrop;	GeneID (NCBI): 91746	CloneNo.: 1F5G11
Wirt: Maus	Vollständiger Name: YTH domain containing 1	Empfohlene Verdünnungen: WB 1:2000-1:10000 IHC 1:2000-1:8000
Isotyp: IgG1	Berechnete Masse: 85 kDa	
Immunogen Katalognummer: AG6289	Beobachtete Masse: ~100 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : LNCaP-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, MDA-MB-231-Zellen

IHC : humanes Mammakarzinomgewebe, humanes Zervixkarzinomgewebe, Maushodengewebe

Hintergrundinformationen

YTHDC1, containing 1 YTH domain, is one of the m6A-binding proteins that can recognize and bind to the m6A methylation site and plays a specific role in gene expression. YTHDC1 is constitutively enriched in the nucleus. It regulates mRNA splicing by bridging the interactions between the trans- and cis-regulatory elements to bind targeted mRNAs. YTHDC1 mediates the export of m6A modified mRNA from the nucleus to the cytoplasm by interacting with SRSF3, which is an essential factor driving the tumorigenic process in various types of cancers including breast cancer, colon cancer, ovarian cancer, osteosarcoma, and glioblastoma (32368386).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

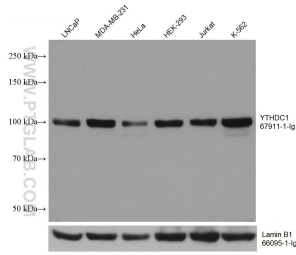
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

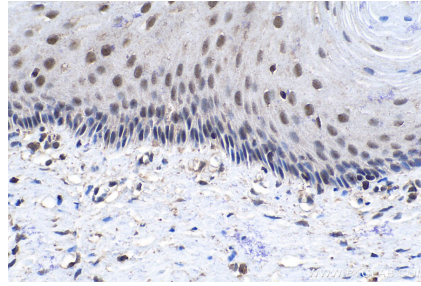
E: proteintech@ptglab.com
W: ptglab.com

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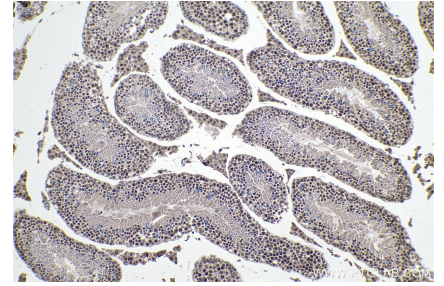
Ausgewählte Validierungsdaten



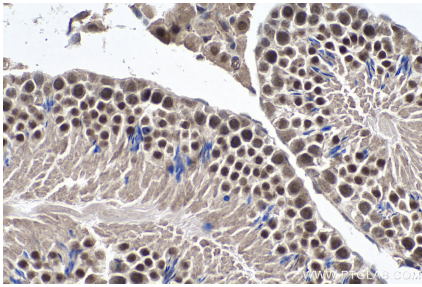
Various lysates were subjected to SDS PAGE followed by western blot with 67911-1-Ig (YTHDC1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Lamin B1 Monoclonal antibody (66095-1-Ig) as loading control.



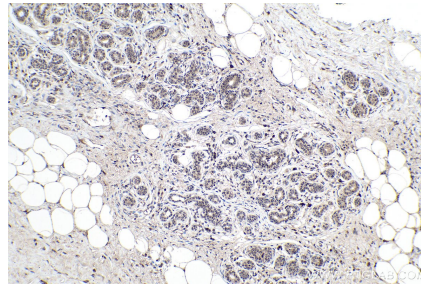
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 67911-1-Ig (YTHDC1 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



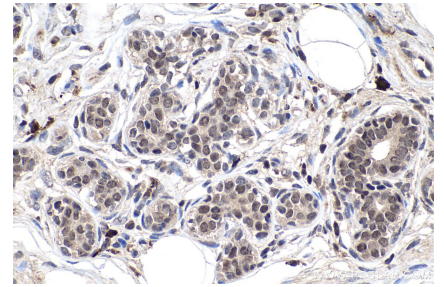
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67911-1-Ig (YTHDC1 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67911-1-Ig (YTHDC1 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67911-1-Ig (YTHDC1 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67911-1-Ig (YTHDC1 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).