



Anti-YTHDF1 Rabbit pAb

WL06245

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-YTHDF1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:200
	IF	1:200

Cellular localization Cytoplasm

Pack size 50/100/200/500/1000 μ l

Storage Store at -20°C. **Avoid freeze/thaw cycles.**

Storage buffer Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background YTHDF1, also named YTH domain-containing family protein 1 or C20orf21, is a 559 amino acid protein, which localizes in the cytoplasm. YTHDF1 specifically recognizes and binds N6-methyladenosine (m6A)-containing mRNAs, and promotes mRNA translation efficiency. M6A is a modification present at the internal sites of mRNAs and some non-coding RNAs and plays a role in the efficiency of mRNA splicing, processing, and stability.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of YTHDF1.

Purification Polyclonal antibody was purified by immunogen affinity chromatography.

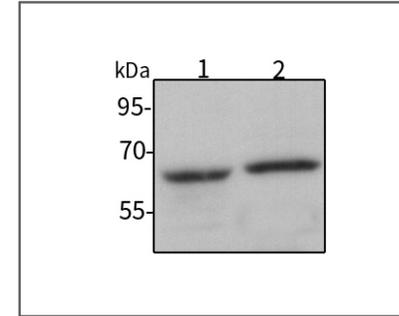


Anti-YTHDF1 Rabbit pAb

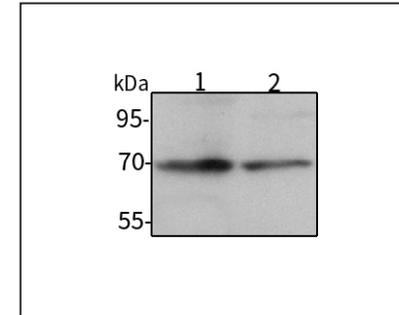
WL06245

For Research Use Only. Not For Use In Diagnostic Procedures

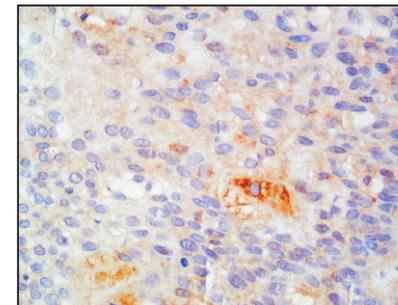
Product Images

**Western blot-Anti-YTHDF1 pAb**

Lane 1: Human HEK-293 cell lysate
Lane 2: Human HCT116 cell lysate
All lanes: Anti-YTHDF1 at 1:1000 dilution
Lysates/proteins at 20-50 μ g per lane.
Predicted band size: 61 kDa
Observed band size: 61 kDa

**Western blot-Anti-YTHDF1 pAb**

Lane 1: Mouse lung tissue lysate
Lane 2: Rat kidney tissue lysate
All lanes: Anti-YTHDF1 at 1:1000 dilution
Lysates/proteins at 20-50 μ g per lane.
Predicted band size: 61 kDa
Observed band size: 61 kDa

**Immunohistochemistry-Anti-YTHDF1 pAb**

Immunohistochemical analysis of paraffin-embedded human esophagus cancer using anti-YTHDF1 Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

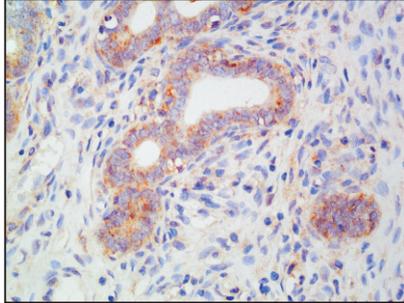
Anti-YTHDF1 Rabbit pAb



WL06245

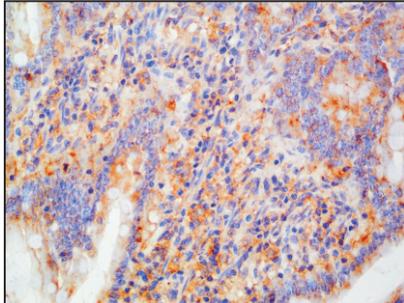
For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



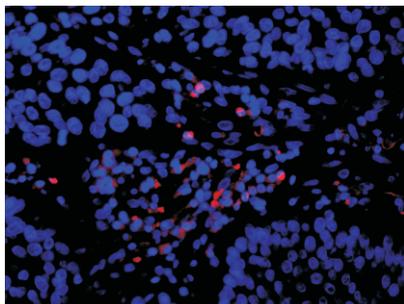
Immunohistochemistry-Anti-YTHDF1 pAb

Immunohistochemical analysis of paraffin-embedded mouse uterus using anti-YTHDF1 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-YTHDF1 pAb

Immunohistochemical analysis of paraffin-embedded rat intestine using anti-YTHDF1 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-YTHDF1 pAb

Immunofluorescence analysis of paraffin-embedded human esophagus cancer using anti-YTHDF1 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

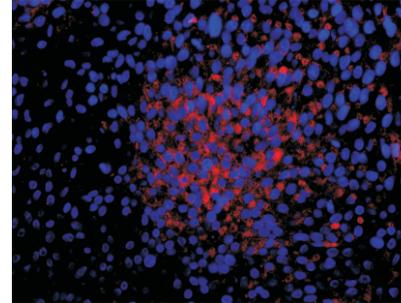
Anti-YTHDF1 Rabbit pAb



WL06245

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



Immunofluorescence-Anti-YTHDF1 pAb

Immunofluorescence analysis of paraffin-embedded human bladder cancer using anti-YTHDF1 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0