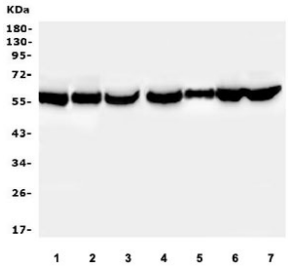
PTBP2 Antibody (RQ5547)

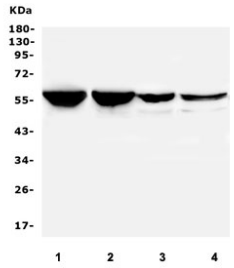
Catalog No.	Formulation	Size
RQ5547	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

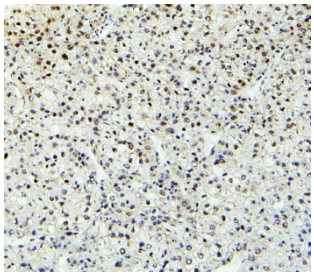
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9UKA9
Localization	Nuclear
Applications	Western Blot : 0.25-0.5ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml Immunofluorescence : 2-4ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This PTBP2 antibody is available for research use only.



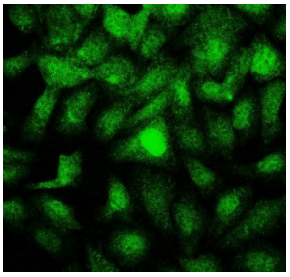
Western blot testing of human 1) MDA-MB-453, 2) U-2 OS, 3) ThP-1, 4) K562, 5) U937, 6) HEK293 and 7) HeLa cell lysate with PTBP2 antibody. Predicted molecular weight ~57 kDa.



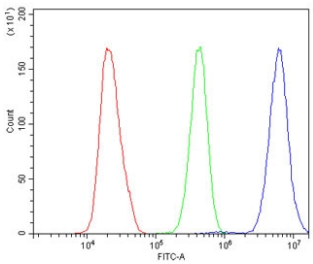
Western blot testing of human 1) rat testis, 2) mouse testis, 3) mouse thymus and 4) mouse HEPA1-6 lysate with PTBP2 antibody. Predicted molecular weight ~57 kDa.



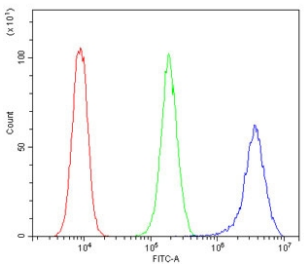
IHC staining of FFPE human liver cancer with PTBP2 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



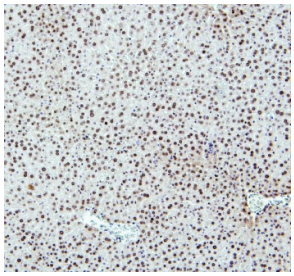
Immunofluorescent staining of FFPE human U-2 OS cells with PTBP2 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



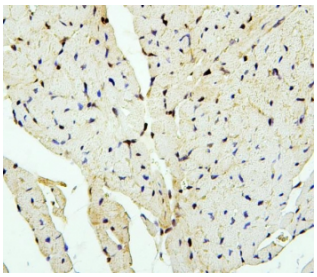
Flow cytometry testing of human HeLa cells with PTBP2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PTBP2 antibody.



Flow cytometry testing of human ThP-1 cells with PTBP2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PTBP2 antibody.



IHC staining of FFPE mouse liver with PTBP2 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



IHC staining of FFPE mouse heart with PTBP2 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



IHC staining of FFPE rat liver with PTBP2 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.

Description

Polypyrimidine tract binding protein 2, also known as PTBP2, is a protein which in humans is encoded by the PTBP2 gene. It is mapped to 1p21.3. The protein encoded by this gene binds to intronic polypyrimidine clusters in pre-mRNA molecules and is implicated in controlling the assembly of other splicing-regulatory proteins. This protein is very similar to the polypyrimidine tract binding protein (PTB) but most of its isoforms are expressed primarily in the brain. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the PTBP2 antibody should be determined by the researcher.

Immunogen

A human recombinant protein (amino acids M1-A504) was used as the immunogen for the PTBP2 antibody.

Storage

After reconstitution, the PTBP2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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