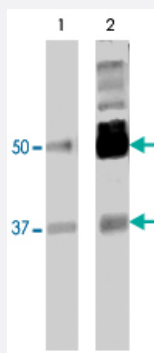


PTBP2 monoclonal antibody (M01), clone 2D10-B2

Catalog # H00058155-M01

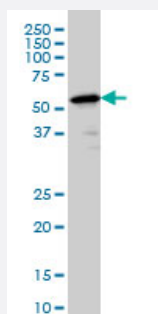
Size 100 ug

Applications



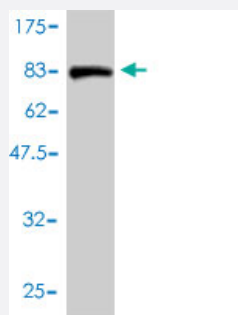
Western Blot (Tissue lysate)

PTBP2 monoclonal antibody (M01), clone 2D10-B2. Western Blot analysis of PTBP2 expression in human brain membrane (lane 1) and human brain cortex (lane 2).



Western Blot (Cell lysate)

PTBP2 monoclonal antibody (M01), clone 2D10-B2 Western Blot analysis of PTBP2 expression in IMR-32 (Cat # L008V1).



Western Blot detection against Immunogen (84.26 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant PTBP2.

Immunogen	PTBP2 (AAH16582, 1 a.a. ~ 532 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDGIVTEVAVGVKRGSDLLSGSVLSSPNSNMSSMVVTANGNDSKKFKGEDKMDGAPSRVLHI RKLPGEVTETEVIALGLPFGKVTNLMKKGKNQAFLELATEEAAITMVNYSAVTPHLRNQPIYQYSN HKELKTDNTLNQRAQAVLQAVTAVQTANTPLSGTTVSESAVTPAQSPVLRIIIDNMYYPVTLDV LHQI FSKFGAVLKIIITFTKNNQFQALLQYGDPVNAQQAKLALDGGNIYNACCTLRIDFSKLVNLNVKYNND KSRDYTRPDLPSGDGQPALDPAIAAAFAKETSL LAVPGALSPLAIPNAAAAAAAAAAGRVGMPG VSAGGNTVLLVSNLNEEMVTPQSLFTLFGVYGDVQRVKILYNKKDSALIQMADGNQSQLAMNHLN GQKMYGKIIRVTL SKHQTVQLPREGLDDQGLTKDFGNSPLHRFKKPGSKNFQNIFFPSATLHLSNI PPSVAEEDLRTL FANTGGTVKAFKFFQRDHK MALLQMATVEEA IQALIDLHNYNLGENHHLRVSFS KSTI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (84.26 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PTBP2 monoclonal antibody (M01), clone 2D10-B2. Western Blot analysis of PTBP2 expression in human brain membrane (lane 1) and human brain cortex (lane 2).

[Protocol Download](#)

- Western Blot (Cell lysate)

PTBP2 monoclonal antibody (M01), clone 2D10-B2 Western Blot analysis of PTBP2 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PTBP2

Entrez GeneID	58155
GeneBank Accession#	BC016582
Protein Accession#	AAH16582
Gene Name	PTBP2
Gene Alias	FLJ34897, PTB, PTBLP, brPTB, nPTB, nPTB5, nPTB6, nPTB7, nPTB8
Gene Description	polypyrimidine tract binding protein 2
Omim ID	608449
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene binds to the intronic cluster of RNA regulatory elements, downstream control sequence (DCS). It is implicated in controlling the assembly of other splicing-regulatory proteins. This protein is very similar to the polypyrimidine tract binding protein but it is expressed primarily in the brain. [provided by RefSeq]
Other Designations	OTTHUMP00000012411 PTB-like neural polypyrimidine tract binding protein splicing regulator

Publication Reference

- [The impact of the RBM4-initiated splicing cascade on modulating the carcinogenic signature of colorectal cancer cells.](#)

Lin JC, Lee YC, Liang YC, Fann YC, Johnson KR, Lin YJ.

Scientific Reports 2017 Mar; 7:44204.

Application: WB-Tr, Human, HCT-8 cells

- [The impact of RNA binding motif protein 4-regulated splicing cascade on the progression and metabolism of colorectal cancer cells.](#)

Liang YC, Lin WC, Lin YJ, Lin JC.

Oncotarget 2015 Nov; 6(35):38046.

Application: WB-Ce, WB-Ti, Human, Colorectal cancer tissues and HCT-8, HCT-116, Colo205 cells

- [Genome-wide analysis of PTB-RNA interactions reveals a strategy used by the general splicing repressor to modulate exon inclusion or skipping.](#)

Xue Y, Zhou Y, Wu T, Zhu T, Ji X, Kwon YS, Zhang C, Yeo G, Black DL, Sun H, Fu XD, Zhang Y.

Molecular Cell 2009 Dec; 36(6):996.

Disease

- [Tobacco Use Disorder](#)