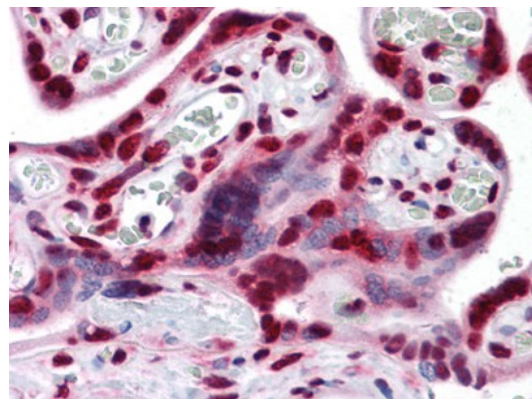


AM20930PU-N**Monoclonal Antibody to PTBP1 (PTB) (4-145)**

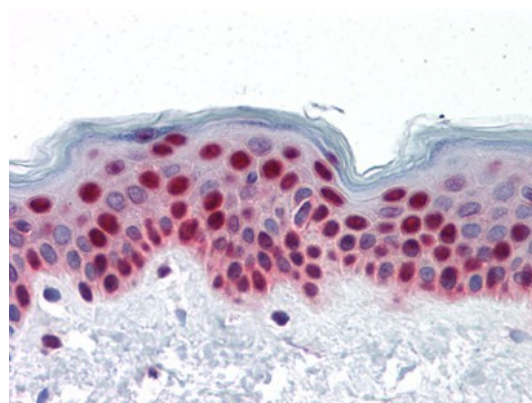
Alternate names:	57 kDa RNA-binding protein PPTB-1, Heterogeneous nuclear ribonucleoprotein I, PPTB-1, Polypyrimidine tract-binding protein 1
Quantity:	50 µg
Concentration:	0.5 mg/ml
Background:	PTBP1 belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA-binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm.
Uniprot ID:	P26599
NCBI:	NP_002810
GeneID:	5725
Host / Isotype:	Mouse / IgG1
Clone:	3H8
Immunogen:	PTBP1 (NP_002810, 45 a.a. ~ 145 a.a) partial recombinant protein with GST tag Genename: PTBP1 Remarks: MW of the GST tag alone is 26 KDa.
Format:	State: Liquid purified Ig fraction Purification: Protein A Chromatography Buffer System: PBS, pH 7.4
Applications:	ELISA. Immunofluorescence: 10 µg/ml. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Polypyrimidine Tract-binding Protein (PTBP1) at aa 45-145.
Species Reactivity:	Tested: Human
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

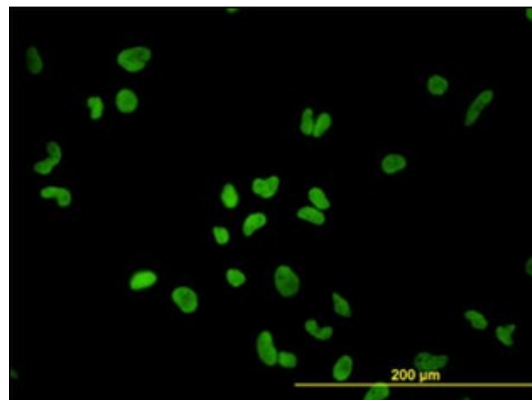
Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



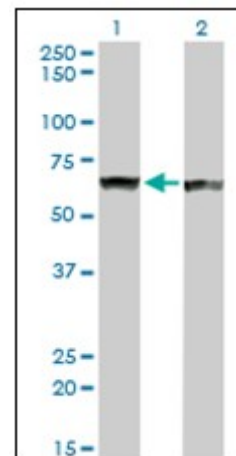
Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)



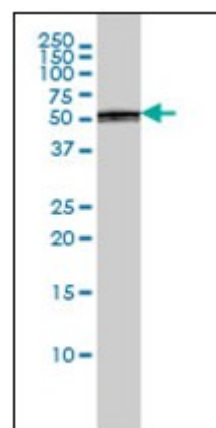
Immunofluorescence of monoclonal antibody to PTBP1 on HeLa cell (antibody concentration 10 µg/ml).



Western Blot analysis of PTBP1 expression in transfected 293T cell line by PTBP1 monoclonal antibody clone 3H8.



PTBP1 monoclonal antibody clone 3H8 Western Blot analysis of PTBP1 expression in A-431.



Detection limit for recombinant GST tagged PTBP1 is approximately 0.1 ng/ml as a capture antibody.

