

Anti-PTBP1 antibody (1-290) (STJ25195)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

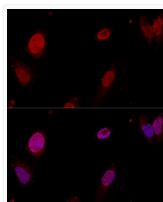
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 60kDa Observed Mw: 57kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

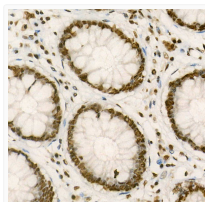
Gene ID	5725
Gene Symbol	PTBP1
UniProt ID	PTBP1_HUMAN
Immunogen Region	1-290
Immunogen Sequence	MDGIVPDIAGVTKRGSDELFTSTCVTNGPFIMSSNSASAANGDSKKFKGDSRSAGVPSRV IHIRKLPIDVTEGEVISLGLPFGKVTNLLMLKGKNQAFIEMNTEEAANTMVNYTSTVTPV LRGQPIYQFSNHKELKTDS SPNQARAQAALQAVNSVQSG NLALAASAAAVDAGMAMAGQ SPVLRRIIVENLFYPVTLDELHQIFSKFGTVLKIIITFTKNN QFQALLQYADPVSAQHAKL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human PTBP1 (NP_114368.1).

ADDITIONAL INFORMATION

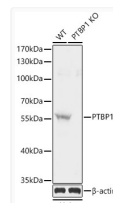
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



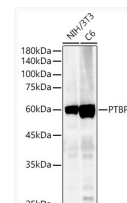
Confocal immunofluorescence analysis of U-2OS cells using PTBP1 antibody (STJ25195) at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using [KO Validated] PTBP1 Rabbit polyclonal antibody (STJ25195) at dilution of 1:25 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts from wild type (WT) and PTBP1 knockout (KO) HeLa (KO) cells, using PTBP1 antibody (STJ25195) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of various lysates, using PTBP1 antibody (STJ25195) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.