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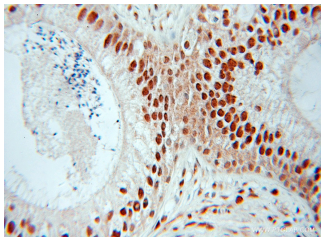
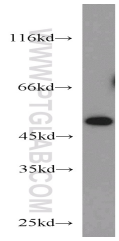
CTBP1 Polyclonal Antibody

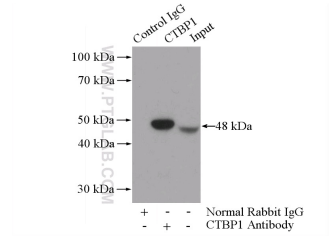
Catalog number: 10972-1-AP
Size: 25 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
CTBP1; BARS, C terminal binding protein 1, CTBP, CTBP1



Immunohistochemical of paraffin-embedded human prostate cancer using 10972-1-AP(CTBP1 antibody) at dilution of 1:50 (under 40x lens)



Jurkat cells were subjected to SDS PAGE followed by western blot with 10972-1-AP(CTBP1 antibody) at dilution of 1:500



IP Result of anti-CTBP1 (IP:10972-1-AP, 3ug; Detection:10972-1-AP 1:200) with mouse brain tissue lysate 4000ug.

Background

CTBP1, also named as C-terminal-binding protein 1, is a 440 amino acid protein, which belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family. CTBP1 is a cellular phosphoprotein that associates with various proteins and functions as a corepressor of transcription. CTBP1 and the related protein CTBP2 are characterized as C-terminal binding protein of adenovirus E1A, and they preferentially associate with the E1A via a 5-amino acid motif, PLDLS, to repress E1A induced oncogenesis and cellular transformation. CTBP1 is expressed from embryo to adult, but CTBP2 is mainly expressed during embryogenesis.

Applications

Tested applications:	**ELISA, WB, IHC, IP**
Species specificity:	**Human, Mouse; other species not tested.**
Caculated CTBP1 MW:	**48 kDa**
Observed CTBP1 MW:	**48 kDa**
Positive WB detected in	**Jurkat cells, HeLa cells, HL-60 cells, mouse brain tissue, mouse skeletal muscle tissue, mouse thymus tissue**
Positive IP detected in	**Mouse brain tissue**
Positive IHC detected in	**Human prostate cancer tissue**
Recommended dilution:	**WB: 1:200-1:2000** **IP: 1:200-1:1000** **IHC: 1:20-1:200**

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag1425**
GenBank accession number:	**BC011655**
Gene ID (NCBI):	**1487**
Full name:	**C-terminal binding protein 1**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**