E2F7
Polyclonal ANTIBODY
Catalog Number: 24489-1-AP

Basic Information
Catalog Number: 24489-1-AP
Size: 57 μg/150 μl
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG21599
GenBank Accession Number: BC130366
GeneID (NCBI): 144455
Calcium MW: 911aa, 100 kDa
Observed MW: 95 kDa

Recommended Dilutions:
WB: 1:500-1:1000
IHC: 1:20-1:200

Applications
Tested Applications: IHC, WB, ELISA
Cited Applications: IF, WB
Species Specificity: human
Cited Species: human

Positive Controls:
WB: HeLa cells;
IHC: human cervical cancer tissue;

Note: suggested antigen retrieval with TE buffered pH 9.0; (1) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information
E2F7 also named as E2F transcription factor 7 is a 911 amino acid protein, which belongs to the E2F/DP family. E2F7 localizes in the nucleus and mainly forms homodimers and, to a lesser extent, heterodimers with E2F8. E2F7 as a transcription factor involves in various processes such as angiogenesis, polyploidization of specialized cells and DNA damage response. E2F7 mainly forms homodimers and to a lesser extent, heterodimers with E2F8. (PMID: 18194653)

Notable Publications
Author | Pubmed ID | Journal | Application
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Amanda S Coutts | 29760477 | Cell Death Dis | IF
Yinan Chen | 29341117 | Int J Cancer | WB
Lifei Fan | 28467790 | Oncotarget | WB

Storage
Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
HeLa cells were subjected to SDS PAGE followed by western blot with 24489-1-AP E2F7 Antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.

Immunohistochemistry of paraffin-embedded human cervical cancer tissue slide using 24489-1-AP E2F7 Antibody at dilution of 1:50 (under 40x lens).