

U2AF35 Polyclonal Antibody

Catalog number: 10334-1-AP

Size: 28 µg/150 µl

Source: Rabbit

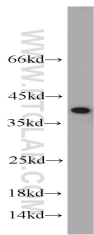
Isotype: IgG

Synonyms:

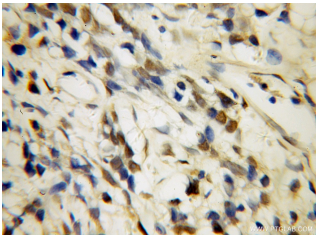
U2AF1; DKFZp313J1712; FP793;

RN; RNU2AF1; U2AF35;

U2AFBP



COLO 320 cells were subjected to SDS PAGE followed by western blot with 10334-1-AP(U2AF35 Antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human prostate cancer using 10334-1-AP(U2AF35 Antibody) at Dilution 1:100 (under 40x lens)

Background

U2 auxiliary factor (U2AF), comprising a large and a small subunit, is a non-snRNP protein required for the binding of U2 snRNP to the pre-mRNA branch site. U2 (RNU2) small nuclear RNA auxiliary factor 1 (U2AF1, synonyms: RN, FP793, U2AF35, U2AFBP, RNU2AF1) is the small subunit which plays a critical role in both constitutive and enhancer-dependent RNA splicing by directly mediating interactions between the large subunit and proteins bound to the enhancers. The U2AF1 gene is localized to chromosome 21q22.3, which is the critical region for three diseases, progressive myoclonus epilepsy, autoimmune polyglandular disease type 1, and one form of bipolar affective disorder.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	WB
Species specificity:	Human, mouse, rat; other species not tested.
Cited species:	Human
Positive WB detected in:	COLO 320 cells, HeLa cells
Calculated U2AF35 MW:	28kd
Observed U2AF35 MW:	35kd
Positive IHC detected in:	Human prostate cancer
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:50-1:200

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

Immunogen information

Immunogen:	Ag0399
GenBank accession number:	BC001923
Gene ID (NCBI):	7307
Full name:	U2 small nuclear RNA auxiliary factor 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.