

U2AF1 Rabbit pAb

Catalog No.: A13166

1 Publications

Basic Information

Observed MW

38kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene belongs to the splicing factor SR family of genes. U2 auxiliary factor, 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. This gene encodes 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. Alternatively spliced transcript variants encoding different isoforms have been identified.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:100 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

7307

Swiss Prot

Q01081

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

RN; FP793; U2AF35; U2AFBP; RNU2AF1; U2AF1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

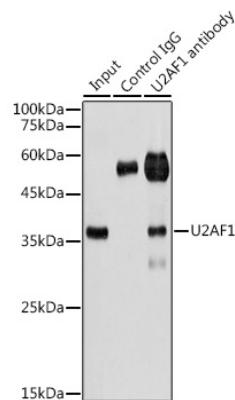
Affinity purification

Storage

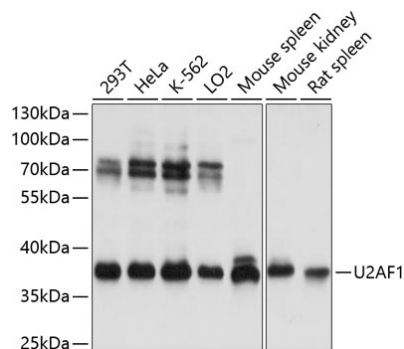
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

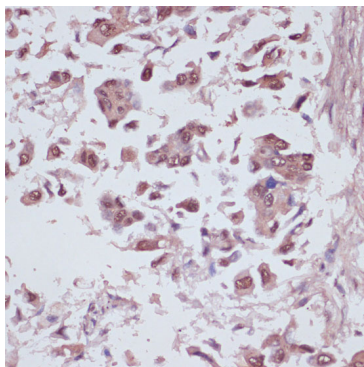
Validation Data



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg U2AF1 antibody (A13166). Western blot was performed from the immunoprecipitate using U2AF1 antibody (A13166) at a dilution of 1:1000.



Western blot analysis of various lysates using U2AF1 Rabbit pAb (A13166) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using U2AF1 Rabbit pAb (A13166) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.