

# U2AF1 Rabbit pAb

Catalog No.: A13166

## Basic Information

### Observed MW

38kDa

### Calculated MW

28kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IP

### 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

## Immunogen Information

### Gene ID

7307

### Swiss Prot

Q01081

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human U2AF1 (NP\_006749.1).

### Synonyms

RN; FP793; U2AF35; U2AFBP; RNU2AF1; U2AF1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

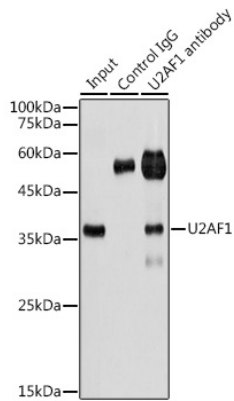
Affinity purification

### Storage

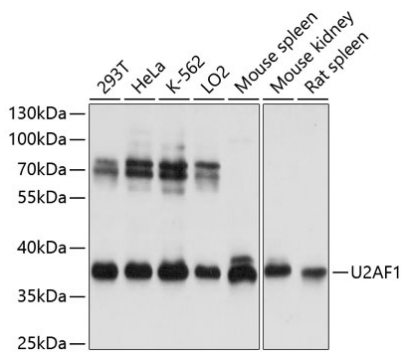
Store at -20°C. Avoid freeze / thaw cycles.

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

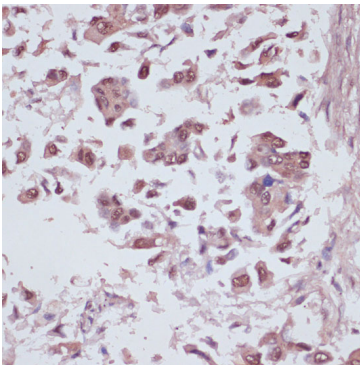
## Validation Data



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 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). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.