

A13166

Leader in Biomolecular Solutions for Life Science



U2AF1 Rabbit pAb

Catalog No.: A13166

Basic Information

Observed MW

38kDa

Calculated MW

28kDa

Category

Mouse Monoclonal 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

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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

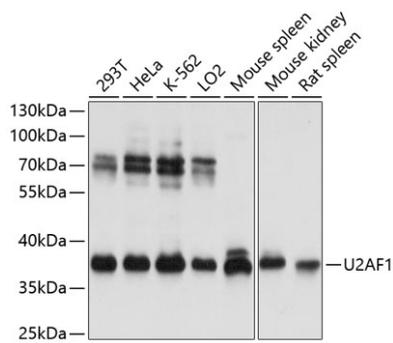
Affinity purification

Storage

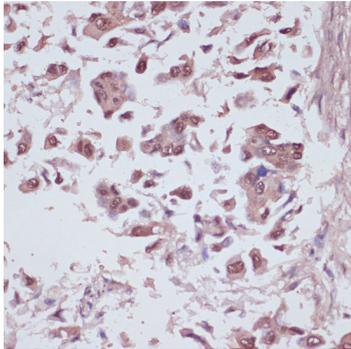
Store at -20°C. Avoid freeze / thaw cycles.

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

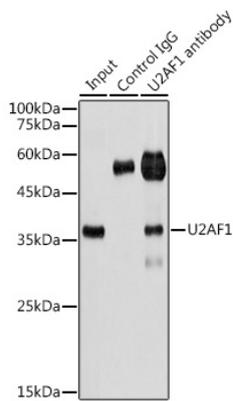
Validation Data



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 U2AF1 in 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.



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.