U2AF1 Rabbit pAb

Catalog NO.: A13166 **2 Publications**

Basic Information

Observed MW
38kDa

Calculated MW
28kDa

Category
Polyclonal Antibodies

Applications
WB, IHC-P, IP, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

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	1:1000 - 1:3000
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

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

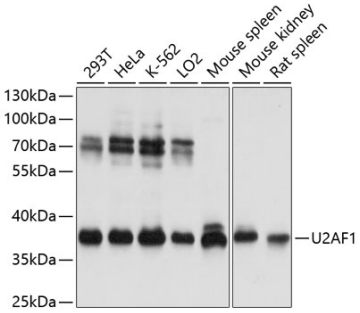
Source
Rabbit

Isotype
IgG

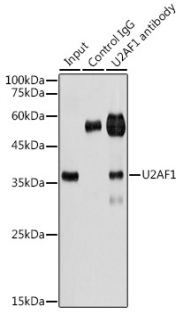
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with thimerosal or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

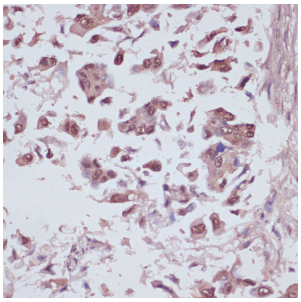
Validation Data



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.



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.



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.