

U2AF2/U2AF65 Rabbit mAb

Catalog No.: A4552 **Recombinant**

Basic Information

Observed MW

65kDa

Calculated MW

54kDa

Category

Primary antibody

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1029

Background

U2 auxiliary factor (U2AF), comprised of 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 U2AF large subunit which contains a sequence-specific RNA-binding region with 3 RNA recognition motifs and an Arg/Ser-rich domain necessary for splicing. The large subunit binds to the polypyrimidine tract of introns early during spliceosome assembly. Multiple transcript variants have been detected for this gene, but the full-length natures of only two have been determined to date.

Recommended Dilutions

WB 1:1000 - 1:6000

IHC-P 1:500 - 1:2000

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

11338

Swiss Prot

P26368

Immunogen

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

Synonyms

U2AF65; U2AF2/U2AF65

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

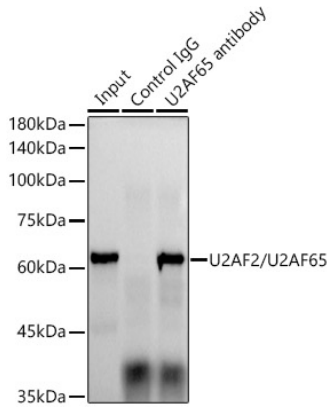
Affinity purification

Storage

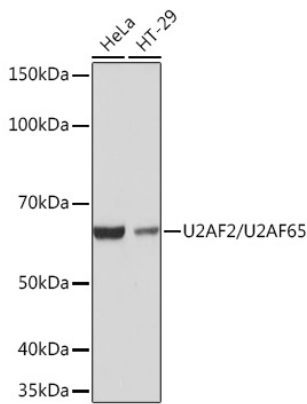
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg U2AF2/U2AF65 antibody (A4552). Western blot was performed from the immunoprecipitate using U2AF2/U2AF65 antibody (A4552) at a dilution of 1:1000.



Western blot analysis of various lysates using U2AF2/U2AF65 Rabbit mAb (A4552) at 1:1000 dilution.

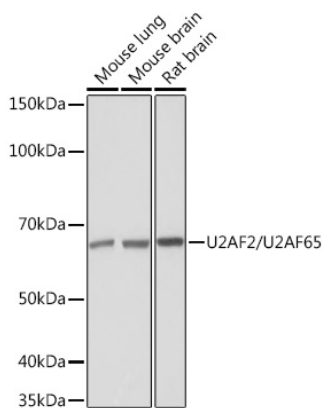
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Western blot analysis of various lysates using U2AF2/U2AF65 Rabbit mAb (A4552) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

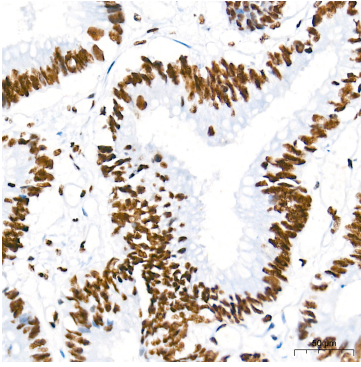
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

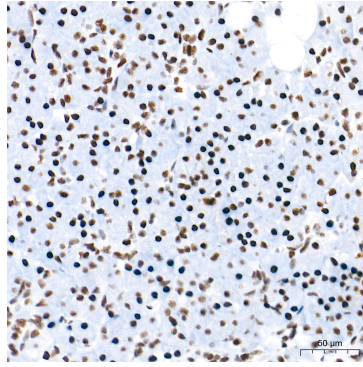
Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.

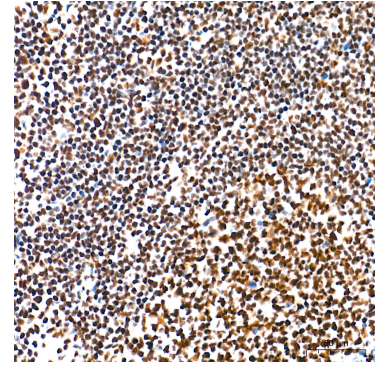
Validation Data



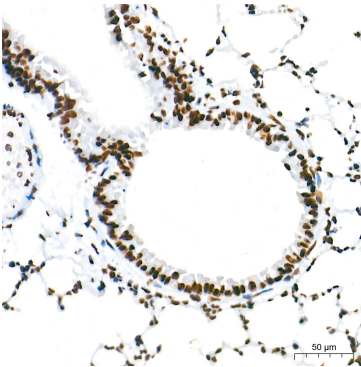
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using U2AF2/U2AF65 Rabbit mAb (A4552) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



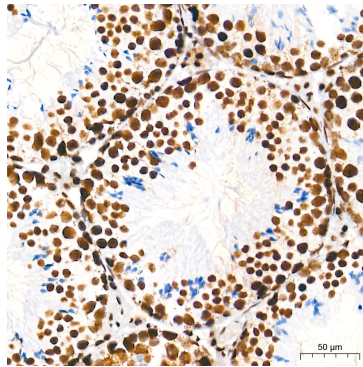
Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using U2AF2/U2AF65 Rabbit mAb (A4552) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



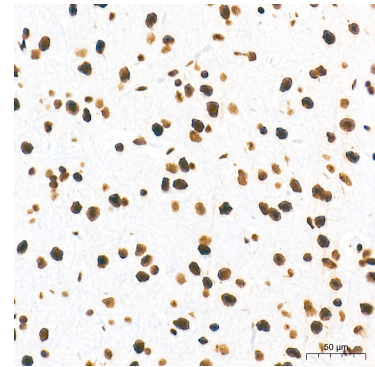
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using U2AF2/U2AF65 Rabbit mAb (A4552) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



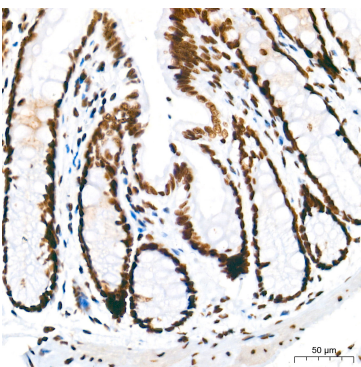
Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using U2AF2/U2AF65 Rabbit mAb (A4552) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



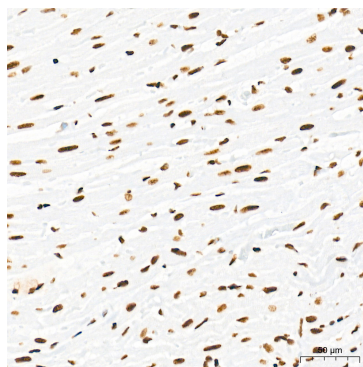
Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using U2AF2/U2AF65 Rabbit mAb (A4552) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



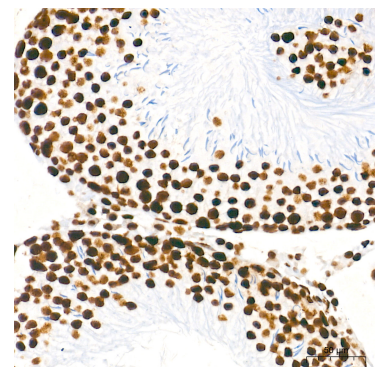
Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using U2AF2/U2AF65 Rabbit mAb (A4552) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using U2AF2/U2AF65 Rabbit mAb (A4552) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat heart tissue using U2AF2/U2AF65 Rabbit mAb (A4552) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using U2AF2/U2AF65 Rabbit mAb (A4552) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.