

DATASHEET

U2AF1 Rabbit Polyclonal Antibody

CAT. NO. APA13758

KEY FEATURES

Target	U2AF1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Plays a critical role in both constitutive and enhancer-dependent splicing by mediating protein-protein interactions and protein-RNA interactions required for accurate 3'-splice site selection. Recruits U2 snRNP to the branch point. Directly mediates interactions between U2AF2 and proteins bound to the enhancers and thus may function as a bridge between U2AF2 and the enhancer complex to recruit it to the adjacent intron.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to U2AF1
Specificity	Recognizes endogenous levels of U2AF1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human U2AF1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 8; Observed: 38 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	U2AF35; U2AFBP; Splicing factor U2AF 35 kDa subunit; U2 auxiliary factor 35 kDa subunit; U2 small nuclear RNA auxiliary factor 1; U2 snRNP auxiliary factor small subunit
Gene Symbol	U2AF1
Entrez Gene	102724594; 7307(Human); 108121(Mouse)
SwissProt	Q01081(Human); Q9D883(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

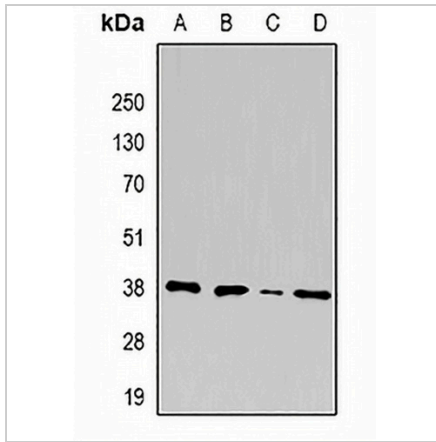
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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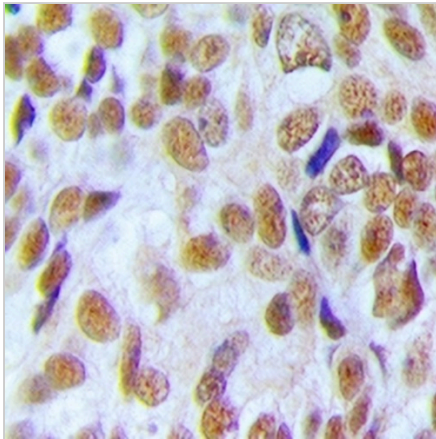
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Western blot analysis of U2AF1 expression in A549 (A), MCF7 (B), mouse pancreas (C), rat liver (D) whole cell lysates. (Predicted band size: 8; 19; 27 kD; Observed band size: 38 kD)



Immunohistochemical analysis of U2AF1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.