

Datasheet for ABIN6214722
anti-U2AF1 antibody (AA 1-240)



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4 Images

Overview

Quantity:	20 µL
Target:	U2AF1
Binding Specificity:	AA 1-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This U2AF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human U2AF1 (NP_006749.1).
Sequence:	MAEYLASIFG TEKDKVNCSE YFKIGACRHG DRCSRLHNKP TFSQTIALLN IYRNPQNSSQ SADGLRCAVS DVEMQEHYDE FFEEVFTEME EKYGEVEEMN VCDNLGDHLV GNVYVKFRRE EDAEKAVIDL NNRWFNGQPI HAELSPVTD F REACCRQYEM GECTRGGFCN FMHLKPISRE LRRELYGRRR KKHRSRSDRSR ERRSRSDRGR RGGGGGGGGG GGGREDRRRR SDRERSGRF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

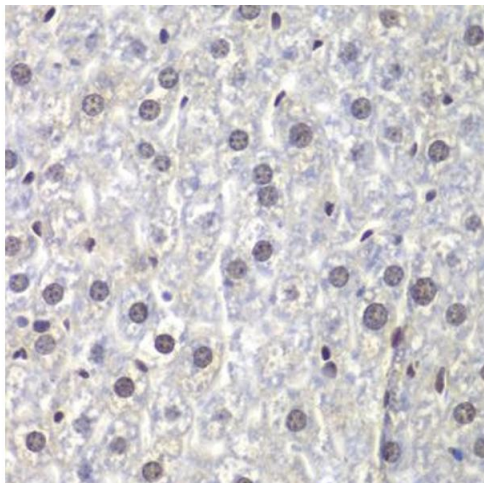
Target:	U2AF1
Alternative Name:	U2AF1 (U2AF1 Products)
Background:	This gene belongs to the splicing factor SR family of genes. U2 auxiliary factor, comprising a large and a small subunit, is a non-snRNP protein required for the binding of U2 snRNP to the pre-mRNA branch site. This gene encodes the small 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.,U2AF1,FP793,RN,RNU2AF1,U2AF35,U2AFBP,Epigenetics & Nuclear Signaling,RNA Binding,Cell Biology & Developmental Biology,Apoptosis,U2AF1
Molecular Weight:	8 kDa/19 kDa/27 kDa
Gene ID:	7307
UniProt:	Q01081

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

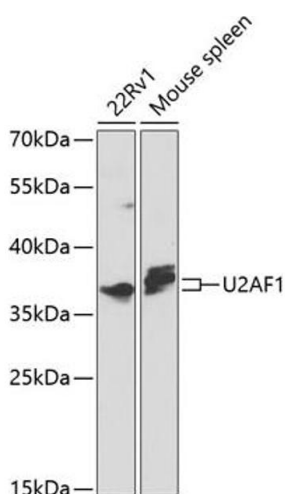
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



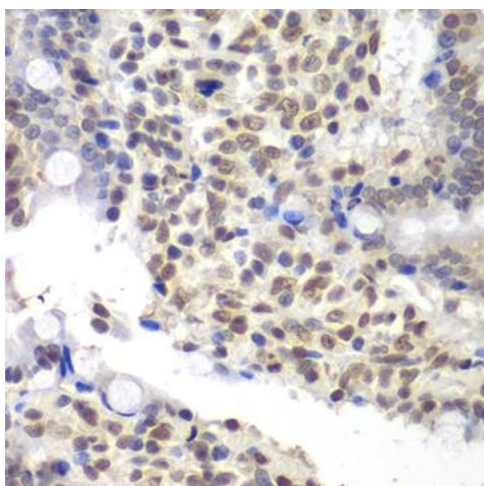
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse liver using U2 antibody (ABIN6130748, ABIN6149754, ABIN6214722 and ABIN6214724) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using U2 antibody (ABIN6130748, ABIN6149754, ABIN6214722 and ABIN6214724) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat Intestine using U2 antibody (ABIN6130748, ABIN6149754, ABIN6214722 and ABIN6214724) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6214722.