

Rabbit U2AF1 Polyclonal Antibody | anti-U2AF1 antibody

U2AF1 Antibody (Center S70)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284456	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Western Blot, Immunohistochemistry, ELISA

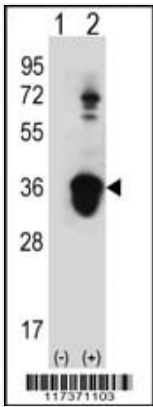
PRODUCT SYNONYMS

U2AF1; Polyclonal Antibody; U2AF1 Antibody (Center S70); 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; U2AF35; U2AFBP; anti-U2AF1 antibody

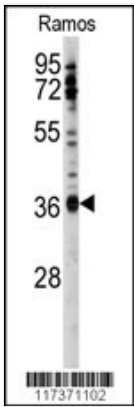
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This U2AF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-83 amino acids from the Central region of human U2AF1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	55-83
Sequence Length	167
Applicable Applications for anti-U2AF1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

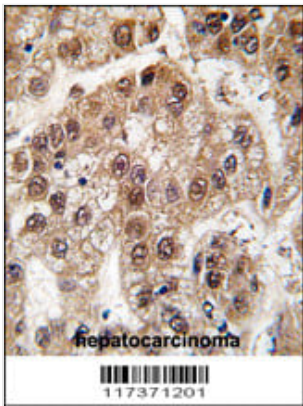
IMAGES



WB (Western Blot)
Western blot analysis of U2AF1 (arrow) using rabbit polyclonal U2AF1 Antibody (Center S70). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the U2AF1 gene.



WB (Western Blot)
Western blot analysis of anti-U2AF1 Antibody (Center S70) in Ramos cell line lysates (35ug/lane).U2AF1(arrow) was detected using the purified Pab.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with U2AF1 antibody (Center S70), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-U2AF1 antibody	U2AF1 belongs to the splicing factor SR family. 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.
References	Rino,J., Mol. Cell. Biol. 28 (9), 3045-3057 (2008) Little,J.T., J. Biol. Chem. 283 (13), 8145-8152 (2008) Pacheco,T.R., Mol. Cell. Biol. 26 (21), 8183-8190 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	68800128
NCBI GeneID	7307
NCBI Accession #	NP_001020374.1; NP_001020375.1; NP_006749.1
NCBI GenBank Nucleotide #	NM_001025203.1
UniProt Accession #	Q01081; Q701P4; Q71RF1
Molecular Weight	27872

NCBI Official Full Name	splicing factor U2AF 35 kDa subunit isoform b
NCBI Official Synonym Full Names	U2 small nuclear RNA auxiliary factor 1
NCBI Official Symbol	U2AF1
NCBI Official Synonym Symbols	RN; FP793; U2AF35; U2AFBP; RNU2AF1
NCBI Protein Information	splicing factor U2AF 35 kDa subunit
UniProt Protein Name	Splicing factor U2AF 35 kDa subunit
UniProt Gene Name	U2AF1
UniProt Synonym Gene Names	U2AF35; U2AFBP
UniProt Entry Name	U2AF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/u2af1-antibody-western-blot-immunohistochemistry-elisa/284456>