

Product datasheet

Anti-U2AF1L3 antibody ab73033

1 Image

Overview

Product name	Anti-U2AF1L3 antibody
Description	Mouse polyclonal to U2AF1L3
Host species	Mouse
Tested applications	Suitable for: ICC/IF, WB
Species reactivity	Reacts with: Human
Immunogen	Full length human U2AF1L3 protein, isoform 2 (Q8WU68-2)
Positive control	U2AF1L3 transfected 293T cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab73033** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
-------------	-----------	-------

ICC/IF

WB

Application notes	ICC/IF: Use at a concentration of 10 µg/ml. Note: this antibody requires purification for this application
--------------------------	---

WB: 1/500 - 1/1000. Predicted molecular weight: isoform 1, 25 kDa; isoform 2, 22 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target**Function**

RNA-binding protein that function as a pre-mRNA splicing factor. 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. Acts by enhancing the binding of U2AF2 to weak pyrimidine tracts. Also participates in the regulation of alternative pre-mRNA splicing. Activates exon 5 skipping of PTPRC during T cell activation; an event reversed by GF11. Binds to RNA at the AG dinucleotide at the 3'-splice site.

Tissue specificity

Isoform 2 is widely expressed. Isoform 3 is highly expressed in heart, brain and lung, lower expressed in thymus and much lower expressed in peripheral blood leukocytes.

Sequence similarities

Belongs to the splicing factor SR family.

Contains 2 C3H1-type zinc fingers.

Contains 1 RRM (RNA recognition motif) domain.

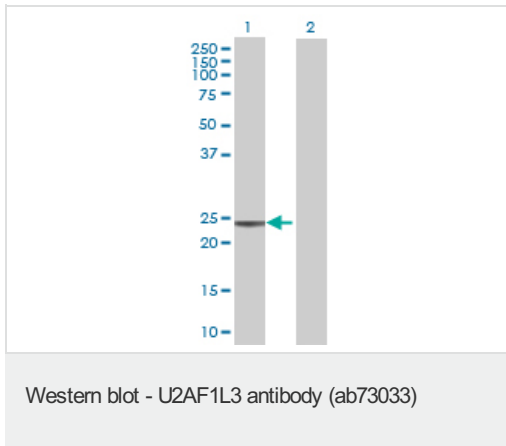
Domain

The second zinc finger is necessary for interaction with GF11 and for alternative pre-mRNA splicing events.

Cellular localization

Nucleus. Nucleus speckle.

Images



All lanes : Anti-U2AF1L3 antibody (ab73033)

at 1/500 dilution

Lane 1 : U2AF1L3 transfected 293T cell lysate

Lane 2 : Non transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP

Conjugate at 1/2500 dilution

Predicted band size: 22 kDa

Observed band size: 22 kDa

Note: Predicted molecular weight for the isoform 1 full length protein is 25 kDa, whereas that for isoform 2 (the immunogen) is 22 kDa.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors