

Product datasheet

Anti-FUSIP1 antibody ab77209

★★★★☆ 2 Abreviews 1 References 2 Images

Overview

Product name	Anti-FUSIP1 antibody
Description	Mouse monoclonal to FUSIP1
Host species	Mouse
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Chicken, Cow
Immunogen	Recombinant fragment: MSRYLRPPNT SLFVRNVADD TRSEDLRREF GRYGPVDVY VPLDFYTRRP RGFAYVQFED VRDAEDALHN LDRKWICGRQ IEIQFAQGDR KTPNQMKAKE, corresponding to amino acids 1 - 100 of human FUSIP1 (AAH05039) with a 26 kDa tag. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Jurkat cell lysate; immunogen
General notes	Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause. We would recommend antibody ab173216 as a replacement.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Monoclonal
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab77209** in the following tested applications.

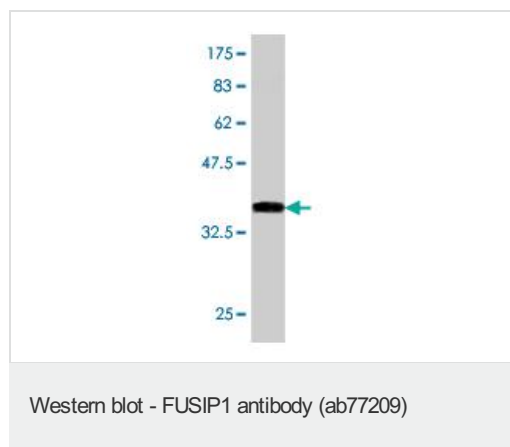
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 31 kDa.
ELISA		Use at an assay dependent dilution.

Target

Function	Splicing factor that in its dephosphorylated form acts as a general repressor of pre-mRNA splicing. Seems to interfere with the U1 snRNP 5'-splice recognition of SNRNP70. Required for splicing repression in M-phase cells and after heat shock. May be involved in regulation of alternative splicing in neurons, with isoform 1 acting as a positive and isoform 3 as a negative regulator.
Tissue specificity	Widely expressed.
Sequence similarities	Belongs to the splicing factor SR family. Contains 1 RRM (RNA recognition motif) domain.
Post-translational modifications	Phosphorylated. Fully dephosphorylated in mitosis and partially dephosphorylated on heat shock. Isoform 3 is phosphorylated on Ser-168.
Cellular localization	Nucleus speckle. Cytoplasm.

Images



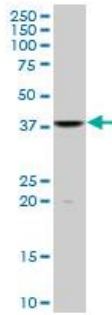
Anti-FUSIP1 antibody (ab77209) at 1/500 dilution + recombinant tagged FUSIP1 protein (the immunogen) at 0.2 µg

Secondary

Goat anti-mouse IgG (H&L)-HRP conjugate at 1/5000 dilution

Predicted band size: 31 kDa

Observed band size: 37 kDa



Western blot - FUSIP1 antibody (ab77209)

Anti-FUSIP1 antibody (ab77209) at 1/500 dilution + Jurkat cell lysate at 25 µg

Secondary

Goat anti-mouse IgG (H&L)-HRP conjugate at 1/2500 dilution

Predicted band size: 31 kDa

Observed band size: 38 kDa

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