


Product datasheet

Anti-FTSJD2 antibody ab70386

2 Images

Overview

Product name	Anti-FTSJD2 antibody
Description	Rabbit polyclonal to FTSJD2
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
Immunogen	A region between residues 1 and 50 of human FTSJD2.
Positive control	WB: HeLa, HEK239T, TCMK-1, Jurkat and NIH3T3 whole cell lysates. IP: 293T whole cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituents: 1.815% Tris, 1.764% Sodium citrate, 0.021% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab70386 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
IP		Use a concentration of 1 mg/ml.
WB		Use a concentration of 0.1 µg/ml. Detects a band of approximately 100 kDa (predicted molecular weight: 96 kDa).

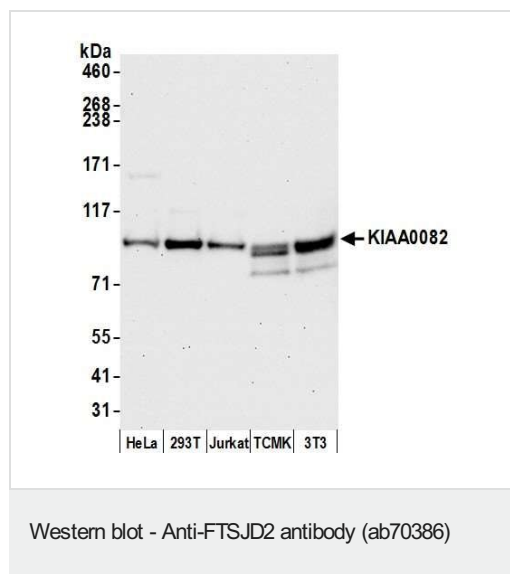
Target

Function S-adenosyl-L-methionine-dependent methyltransferase that mediates mRNA cap1 2'-O-ribose methylation to the 5'-cap structure of mRNAs. Methylates the ribose of the first nucleotide of a m(7)GpppG-capped mRNA and small nuclear RNA (snRNA) to produce m(7)GpppRm (cap1). Displays a preference for cap0 transcripts. Cap1 modification is linked to higher levels of translation. May be involved in the interferon response pathway.

Sequence similarities Contains 1 G-patch domain.
Contains 1 RmJ-type SAM-dependent 2'-O-MTase domain.
Contains 1 WW domain.

Cellular localization Nucleus.

Images



All lanes : Anti-FTSJD2 antibody (ab70386) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate

Lane 2 : HEK293T whole cell lysate

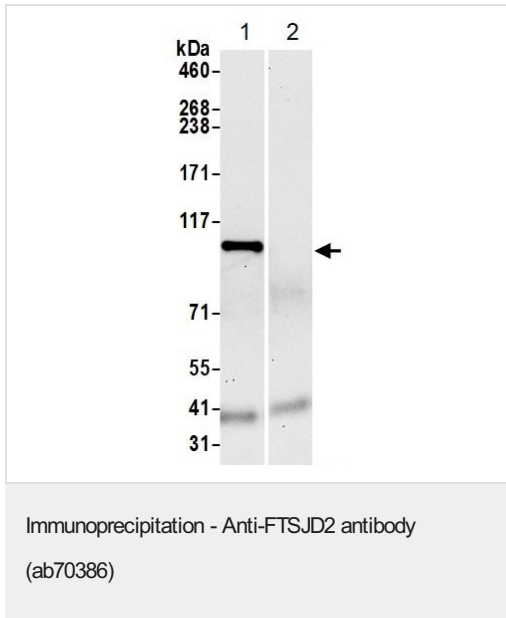
Lane 3 : Jurkat whole cell lysate

Lane 4 : TCMK-1 whole cell lysate

Lane 5 : NIH 3T3 whole cell lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 96 kDa



Detection of human FTSJD2 by immunoprecipitation of whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer.

Lane 1: Rabbit polyclonal to FTSJD2 ([ab70742](#)) at 6 µg per reaction

Lane 2: Control IgG

Detection: Chemiluminescence with an exposure time of 30 seconds. [ab70742](#) was used at 1 µg/mL for Western blot.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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