abcam

Product datasheet

Anti-FTSJD2 antibody ab70388

2 Images

Overview

Product name	Anti-FTSJD2 antibody
Description	Rabbit polyclonal to FTSJD2
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human **Predicted to work with:** Chimpanzee, Rhesus monkey, Gorilla, Orangutan
Immunogen	Synthetic peptide corresponding to Human FTSJD2 (C terminal). Database link: **Q8N1G2**
Positive control	Whole cell lysate from 293T cells transfected with a myc-FTSJD2 expression construct. Whole cell lysate from 293T cells. Whole cell lysate from G361 cells.
General notes	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. 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

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 ab70388 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		1/5000 - 1/25000. Detects a band of approximately 100 kDa (predicted molecular weight: 96 kDa).

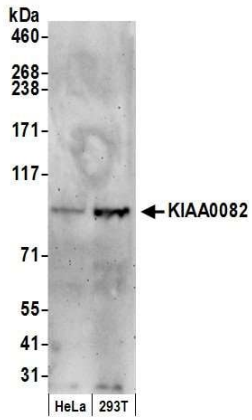
Target

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 RrmJ-type SAM-dependent 2'-O-MTase domain.
Contains 1 WW domain.

Cellular localization Nucleus.

Images



Western blot - Anti-FTSJD2 antibody (ab70388)

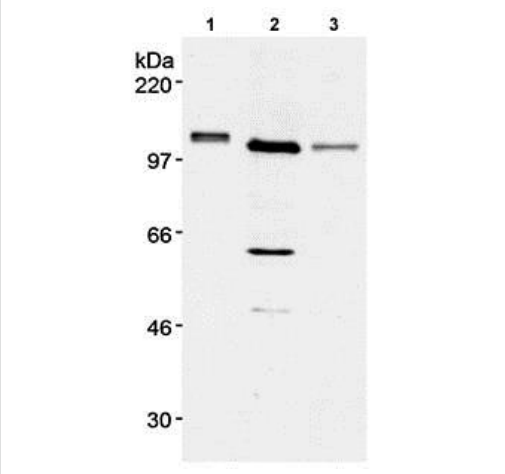
All lanes : Anti-FTSJD2 antibody (ab70388) at 0.2 µg

Lane 1 : HeLa whole cell lysate

Lane 2 : HEK293T whole cell lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 96 kDa



Western blot - Anti-FTSJD2 antibody (ab70388)

All lanes : Anti-FTSJD2 antibody (ab70388) at 0.1 µg/ml

Lane 1 : Whole cell lysate from 293T cells transfected with a myc-FTSJD2 expression construct at 15 µg
Lane 2 : Whole cell lysate from 293T cells that were mock transfected at 60 µg
Lane 3 : Whole cell lysate from G361 cells at 15 µg

Predicted band size: 96 kDa
Observed band size: 100 kDa
Additional bands at: 50 kDa, 60 kDa. We are unsure as to the identity of these extra bands.

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