

FBLL1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18446c**Specification**

FBLL1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	A6NHQ2
Other Accession	Q80WS3
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34803
Antigen Region	209-236

FBLL1 Antibody (Center) - Additional Information**Gene ID** 345630**Other Names**

rRNA/tRNA 2'-O-methyltransferase fibrillarin-like protein 1, 211-, Protein-glutamine methyltransferase, FBLL1

Target/Specificity

This FBLL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 209-236 amino acids from the Central region of human FBLL1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FBLL1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

FBLL1 Antibody (Center) - Protein Information**Name** FBLL1 ([HGNC:35458](#))

Function S-adenosyl-L-methionine-dependent RNA methyltransferase that catalyzes 2'-hydroxyl ribose methylation in RNAs (PubMed:[39570315](#)). Functions as part of box C/D small nucleolar ribonucleoprotein (snoRNP) complexes, where guide snoRNAs ensure methylation specificity through base pairing with RNA substrates (PubMed:[39570315](#)). Exhibits broad substrate specificity, methylating multiple sites on ribosomal RNAs (rRNAs) and messenger RNAs (mRNAs) depending on the guide snoRNA incorporated in the complex (PubMed:[39570315](#)). Specifically expressed in brain, it regulates the expression of GAP43 by stabilizing its mRNA through methylation and thereby plays an indirect role in neuronal differentiation (By similarity).

Cellular Location

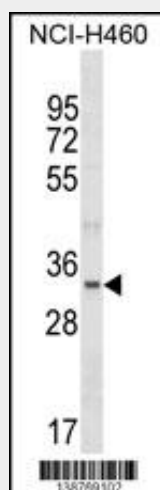
Nucleus, nucleolus.

FBLL1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FBLL1 Antibody (Center) - Images



FBLL1 Antibody (Center) (Cat. #AP18446c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the FBLL1 Antibody detected the FBLL1 protein (arrow).

FBLL1 Antibody (Center) - Background

FBLL1 is involved in pre-rRNA processing. Utilizes the methyl donor S-adenosyl-L-methionine to catalyze the site-specific 2'-hydroxyl methylation of ribose moieties in pre-ribosomal RNA (By similarity).