

Fibrillarin Conjugated Antibody

Catalog No: #C56085

Package Size: #C56085-AF350 100ul #C56085-AF405 100ul #C56085-AF488 100ul #C56085-AF555 100ul #C56085-AF594 100ul #C56085-AF647 100ul #C56085-AF680 100ul #C56085-AF750 100ul #C56085-Biotin 100ul #C56085-Conjugated 50ul

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Description

Product Name	Fibrillarin Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF, FC
Species Reactivity	Human Mouse Rat
Specificity	Fibrillarin Antibody detects endogenous levels of total Fibrillarin
Immunogen Description	A synthesized peptide derived from human Fibrillarin
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	FBL;FIB;FLRN;RNU3IP1;
Accession No.	Uniprot:P22087
Calculated MW	33kDa
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

FC: 1:50-1:200

Product Description

Fibrillarin is a 2'-O-methyltransferase located in fibrillar regions and Cajal bodies of the nucleolus, where RNA transcription and pre-RNA processing take place. Fibrillarin associates with several other structural proteins as well as box C/D snoRNA to form a complex that functions in pre-rRNA processing, pre-rRNA methylation and ribosome assembly. This complex catalyzes site-specific 2'-O-ribose methylation of targeted nucleotides within the rRNA sequence. The sequence, structure and function of fibrillarin are highly conserved and fibrillarin gene expression is essential for early embryonic development.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.