10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MFAP1 Rabbit pAb

Catalog # AP96820

Product Information

Application	WB
Primary Accession	P55081
Other Accession	P55081
Reactivity	Human, Mouse
Predicted	Rat, Pig, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51958
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MFAP1
Epitope Specificity	31-120/439
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the MFAP1 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Microfibrils are an important component of the extracellular matrix of many tissues and can either associate with or without elastin. Several microfibril associated proteins (MFAPs) have been cloned, including MFAP1, MFAP3 and MFAP4. The MFAP1 and MFAP3 genes are localized near the fibrillin genes FBN1 and FBN2, respectively. Mutations in FBN1 are linked to Marfan syndrome. Mutations in FBN2 have been linked to congenital contractural arachnodactyly. This suggests roles for MFAP1 and MFAP3 in heritable diseases affecting microfibrils. Deletion of MFAP4 was found in 30 of 31 patients with Smith-Magenis syndrome (SMS), a clinically recognizable multiple congenital anomaly/mental retardation syndrome.

Additional Information

Gene ID	4236
Other Names	AMP; Mfap1a; 4432409M24Rik; Mfap1; Mfap1b; MFAP1_HUMAN; Spliceosome B complex protein MFAP1; MFAP1_MOUSE; microfibril associated protein 1; microfibrillar associated protein 1
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MFAP1 (HGNC:7032)
Function	Involved in pre-mRNA splicing as a component of the spliceosome.
Cellular Location	Nucleus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.