MFAP4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MFAP4, Polyclonal Antibody
Full Product Name	MFAP4 Antibody
Product Gene Name	anti-MFAP4 antibody
Product Synonym Names	Microfibril-associated glycoprotein 4
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of MFAP4 at Human, Mouse
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	28,648 Da
OMIM	600596
3D Structure	ModBase 3D Structure for P55083
Immunogen	Synthesized peptide derived from human MFAP4
Modification	Unmodified/Total
Product Categories/Family for anti-MFAP4 antibody	Primary Antibodies
Applications Tested/Suitable for anti-MFAP4 antibody	Western Blot (WB)
Application Notes for anti-MFAP4 antibody	WB: 1:500-2000
Related Product Information for anti-MFAP4 antibody	MBS9522191 is an antibody targeting MFAP4. Also known as MFAP4 Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-MFAP4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MFAP4. It may not necessarily be applicable to this product.

NCBI GI #	2506403
NCBI GeneID	4239

NCBI Accession #	P55083.2
UniProt Primary Accession #	P55083
UniProt Secondary Accession #	Q6P680; A8KAJ1; A8MVM2; B4E317
UniProt Related Accession #	P55083
NCBI Official Full Name	Microfibril-associated glycoprotein 4
NCBI Official Synonym Full Names	microfibrillar-associated protein 4
NCBI Official Symbol	MFAP4
UniProt Protein Name	Microfibril-associated glycoprotein 4
Protein Family	Microfibril-associated glycoprotein
UniProt Gene Name	MFAP4
UniProt Entry Name	MFAP4_HUMAN
NCBI Protein Information	microfibril-associated glycoprotein 4
NCBI Summary for MFAP4	This gene encodes a protein with similarity to a bovine microfibril-associated protein. The protein has binding specificities for both collagen and carbohydrate. It is thought to be an extracellular matrix protein which is involved in cell adhesion or intercellular interactions. The gene is located within the Smith-Magenis syndrome region. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]
UniProt Comments for MFAP4	MFAP4: Could be involved in calcium-dependent cell adhesion or intercellular interactions. MFAP4 is deleted in the Smith-Magenis syndrome (SMS). Protein type: Calcium-binding; Secreted; Cell adhesion; Secreted, signal peptide Chromosomal Location of Human Ortholog: 17p11.2 Cellular Component: extracellular matrix; microfibril; extracellular region Molecular Function: protein binding Biological Process: elastic fiber assembly; extracellular matrix organization and biogenesis; UV protection; fibril organization and biogenesis; cell adhesion
Research Articles on MFAP4	**1.** The findings support the biomarker potential of systemic MFAP4, with elevated levels in the serum reflecting pathological processes involving ECM remodeling and degradation.
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