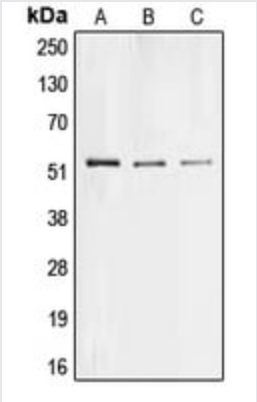
Collagen 26 Alpha 1 (EMID2) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Collagen 26 alpha 1 (EMID2), Polyclonal Antibody
Full Product Name	Anti-Collagen 26 alpha 1 Antibody
Product Gene Name	anti-EMID2 antibody
Product Synonym Names	EMID2; EMU2; Collagen alpha-1(XXVI) chain; Alpha-1 type XXVI collagen; EMI domain-containing protein 2; Emilin and multimerin domain-containing protein 2; Emu2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Collagen 26 alpha 1 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Antibody/Peptide Pairs	Collagen 26 alpha 1 peptide (MBS823343) is used for blocking the activity of Collagen 26 alpha 1 antibody (MBS820702)
Molecular Weight	45,131 Da
OMIM	608927
3D Structure	ModBase 3D Structure for Q96A83
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Collagen 26 alpha 1. The exact sequence is proprietary.
Applications Tested/Suitable for anti-EMID2 antibody	Western Blot (WB)
Application Notes for anti-EMID2 antibody	WB (1/500 - 1/1000)
Related Product Information for anti-EMID2 antibody	MBS820702 is an antibody targeting EMID2. Also known as Anti-Collagen 26 alpha 1 Antibody. Reactive in Human, Rat. Host: Rabbit. Rabbit polyclonal antibody to Collagen 26 alpha 1
Other Notes	Small volumes of anti-EMID2 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.



Western Blot (WB) of anti-EMID2 antibody
Western blot analysis of Collagen 26 alpha 1 expression in Hela (A), PC12 (B), H9C2 (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EMID2. It may not necessarily be applicable to this product.

NCBI GI #	514074416
NCBI GeneID	136227
NCBI Accession #	NP_001265492.1
UniProt Primary Accession #	Q96A83
UniProt Secondary Accession #	Q32M90
UniProt Related Accession #	Q96A83
GenBank Nucleotide #	NM_001278563.2
NCBI Official Full Name	collagen alpha-1(XXVI) chain isoform 1
NCBI Official Synonym Full Names	collagen, type XXVI, alpha 1
NCBI Official Symbol	COL26A1
NCBI Official Synonym Symbols	EMI6; EMU2; SH2B; EMID2
UniProt Protein Name	Collagen alpha-1(XXVI) chain
UniProt Synonym Protein Names	Alpha-1 type XXVI collagen; EMI domain-containing protein 2; Emilin and multimerin domain-containing protein 2; Emu2
UniProt Gene Name	COL26A1
UniProt Synonym Gene Names	EMID2; EMU2; Emu2
UniProt Entry Name	COQA1_HUMAN
NCBI Protein Information	collagen alpha-1(XXVI) chain; collagen alpha-1(XXVI) chain; EMI domain containing 2; emilin and multimerin domain-containing protein 2
NCBI Summary for EMID2	This gene encodes a protein containing an emilin domain and two collagen stretches. This gene may be associated with aspirin-intolerant asthma. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2013]

UniProt Comments for EMID2	EMID2: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 7q22.1 Cellular Component: extracellular matrix; Golgi apparatus; proteinaceous extracellular matrix; collagen; endoplasmic reticulum lumen; plasma membrane; extracellular region Biological Process: extracellular matrix disassembly; collagen catabolic process; extracellular matrix organization and biogenesis
Research Articles on EMID2	**1.** 13 EMID2 variants were significantly associated with the presence of nasal polyps in the overall asthma group.
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