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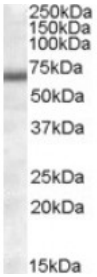
COL4A3BP Antibody

CATALOG NUMBER: 46-750



Western blot analysis of COL4A3BP in human heart lysate (35 ug protein in RIPA buffer) using COL4A3BP Antibody at 0.1 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:2,000. Western Blot: Approximately 70 kDa band observed in human heart lysates (calculated MW of 70.8 kDa according to NP_005704.1). Recommended concentration: 1-3 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1301 - Human Heart Tissue Lysate
IMMUNOGEN:	COL4A3BP antibody was raised against a 16 amino acid synthetic peptide near the internal region of COL4A3BP.
HOST SPECIES:	Goat

Properties

PURIFICATION:	COL4A3BP antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	COL4A3BP antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	COL4A3BP, collagen, type IV, alpha 3 (Goodpasture antigen) binding protein, CERT, CERTL, FLJ20597, GPBP, STARD11, Goodpasture antigen-binding protein, START domain containing 11, StAR-related lipid transfer (START) domain containing 11, alpha 3 type IV collagen binding protein, ceramide transporter, lipid-transfer protein CERTL
ACCESSION NO.:	NP_005704.1, NP_112729.1
PROTEIN GI NO.:	5031717

OFFICIAL SYMBOL:	COL4A3BP
GENE ID:	10087

Background

REFERENCES:	1) Kudo N, Kumagai K, Tomishige N, Yamaji T, Wakatsuki S, Nishijima M, Hanada K, Kato R. Structural basis for specific lipid recognition by CERT responsible for nonvesicular trafficking of ceramide. Proc Natl Acad Sci USA. 2008 Jan 15;105(2):488-93. Epub 2008 Jan 9.

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