

Datasheet for ABIN238598

anti-COL4A3BP antibody (AA 662-672)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	COL4A3BP
Binding Specificity:	AA 662-672
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This COL4A3BP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	COL4A3BP (aa662-672)
Immunogen:	Peptide with sequence DHDSAPLNNRC, from the internal region of the protein sequence according to NP_005704.1, NP_112729.1 .
Sequence:	DHDSAPLNNR C
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_005704.1 and NP_112729.1)
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

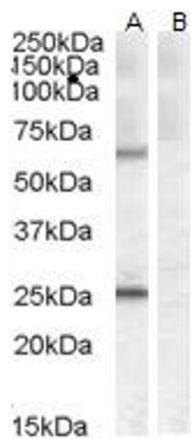
Target:	COL4A3BP
Alternative Name:	COL4A3BP (COL4A3BP Products)
Background:	COL4A3BP, collagen, type IV, alpha 3 (Goodpasture antigen) binding protein , CERT, CERTL, FLJ20597, GPBP , STARD11, Goodpasture antigen-binding protein, START domain containing 11, alpha 3 type IV collagen binding protein, ceramide transporter,
Gene ID:	10087, 68018
NCBI Accession:	NP_005704 , NP_112729

Application Details

Application Notes:	Western Blot: Approx 60-65 kDa band observed in Mouse Heart lysates (calculated MW of 71.1 kDa according to Mouse NP_075909.1). An additional band of unknown identity was also consistently observed at 25 kDa. Both bands were successfully blocked by incubati Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. (ABIN238598) (0.5 µg/mL) staining of Mouse Heart lysate (A) + peptide (B) (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Image 2. ABIN238598 (0.5µg/ml) staining of mouse heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.