

Datasheet for ABIN7145680

anti-BMP1 antibody (AA 317-424) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	BMP1
Binding Specificity:	AA 317-424
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Bone morphogenetic protein 10 protein (317-424AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	BMP1
Alternative Name:	BMP1 (BMP1 Products)
Background:	Background: Required for maintaining the proliferative activity of embryonic cardiomyocytes by preventing premature activation of the negative cell cycle regulator CDKN1C/p57KIP and

Target Details

maintaining the required expression levels of cardiogenic factors such as MEF2C and NKX2-5. Acts as a ligand for ACVRL1/ALK1, BMPR1A/ALK3 and BMPR1B/ALK6, leading to activation of SMAD1, SMAD5 and SMAD8 transcription factors. Inhibits endothelial cell migration and growth. May reduce cell migration and cell matrix adhesion in breast cancer cell lines. Aliases: BMP-10 antibody, Bmp10 antibody, BMP10_HUMAN antibody, Bone morphogenetic protein 10 antibody, Bone morphogenetic protein 10 preproprotein antibody, MGC126783 antibody, OTTHUMP00000159973 antibody

UniProt: [O95393](#)

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.