Datasheet for ABIN7159423

anti-Mesp2 antibody (AA 218-397)

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Overview

Quantity:	100 µL
Target:	Mesp2
Binding Specificity:	AA 218-397
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Mesp2 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Mesoderm posterior protein 2 protein (218-397AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Mesp2
Alternative Name:	MESP2 (Mesp2 Products)
Background:	Background: Transcription factor with important role in somitogenesis. Defines the rostrocaudal patterning of the somite by participating in distinct Notch pathways. Regulates

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Target Details

	also the FGF signaling pathway. Specifies the rostral half of the somites. Generates rostro-caudal polarity of somites by down-regulating in the presumptive rostral domain DLL1, a Notch ligand. Participates in the segment border formation by activating in the anterior presomitic mesoderm LFNG, a negative regulator of DLL1-Notch signaling. Acts as a strong suppressor of Notch activity. Together with MESP1 is involved in the epithelialization of somitic mesoderm and in the development of cardiac mesoderm. Aliases: Basic helix loop helix protein MESP 2 antibody, Basic helix loop helix protein MESP2 antibody, BHLH protein MesP2 antibody, bHLHc6 antibody, Class C basic helix-loop-helix protein 6 antibody, Hypothetical class II basic helix loop helix protein MESP 2 antibody, Hypothetical class II basic helix loop helix protein MESP2 antibody, Mesoderm posterior 2 antibody, mesoderm posterior 2 homolog (mouse) antibody, Mesoderm posterior 2 homolog antibody, Mesoderm posterior protein 2 antibody, Mesp 2 antibody, MESP2 antibody, MESP2_HUMAN antibody, SCDO 2 antibody, SCDO2 antibody
UniProt:	Q0VG99

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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.