Datasheet for ABIN1386035

anti-SIP1 antibody

Go to Product page

Overview

Quantity:	100 µL
Target:	SIP1 (GEMIN2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIP1 antibody is un-conjugated
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SIP1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SIP1 (GEMIN2)
Alternative Name:	SIP1 (GEMIN2 Products)
Background:	Synonyms: Smad Interacting Protein 1 SIP 1, SIP1 SIP-1, Smad-interacting protein 1, SMADIP 1, SMADIP1, ZEB 2, ZEB2, ZEB2_HUMAN, Zfhx1b, ZFHX1B protein, Zfx1b, Zinc finger E box binding protein 2, Zinc finger E-box-binding homeobox 2, Zinc finger homeobox 1b, zinc finger

Target Details

	homeobox protein 1, Zinc finger homeobox protein 1b. Background: SMAD regulates gene expression by interacting with different classes of transcription factors including DNA-binding multi-zinc finger proteins. SIP1, for SMAD interacting protein 1, is a member of the delta-EF1/Zfh1 family of 2-handed zinc finger/homeodomain proteins. SIP1 contains a SMAD-binding domain, a homeodomain and two clusters of zinc fingers on the N- and C-termini. SIP1, also known as SMADIP1, ZFHX1B and ZEB2 (zinc finger E-box-binding protein 2), can be induced by TGF treatment. SIP1 plays a crucial role in normal embryonic development of neural structures and the neural crest. The human SIP1 gene maps to chromosome 2q22. Mutations in the SIP1 gene cause a form of Hirschsprung disease (HSCR). Patients with SIP1 mutations show mental retardation, delayed motor development, epilepsy, microcephaly, distinct facial features and/or congenital heart diseaseall symptoms of HSCR.
Gene ID:	9839
Pathways:	Ribonucleoprotein Complex Subunit Organization, Tube Formation

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months