Datasheet for ABIN5006854

anti-MID1 antibody (AA 200-250) (Alexa Fluor 680)

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Overview

Quantity:	100 µL
Target:	MID1
Binding Specificity:	AA 200-250
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MID1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Midline-1/RNF59
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	MID1
Alternative Name:	Midline-1 (MID1 Products)
Background:	Synonyms: BBBG1, Finger on X and Y mouse homolog of antibody, FXY, GBBB1, MID-1, Mid1, Midin, Midline 1 Opitz/BBB syndrome, Midline 1, Midline 1 ring finger, Midline 1 RING finger

Target Details

	protein, Midline-1, Midline1, OGS1, OSX, Putative transcription factor XPRF, RING finger protein 59, RNF59, TRI18, TRI18_HUMAN, TRIM18, Tripartite mot containing protein 18, Tripartite mot protein TRIM18, Tripartite mot-containing protein 18, XPRF, Zinc finger X and Y antibody, ZNFXY. Background: Midline-1 (Tripartite motif-containing protein 18, Putative transcription factor XPRF, RING finger protein 59) is a 667 amino acid protein encoded by the human gene MID1. Midline-1 belongs to the TRIM/RBCC family and contains two B box-type zinc fingers, one B30.2/SPRY domain, one COS domain, one fibronectin type-III domain and one RING-type zinc finger. Midline-1 is believed to have E3 ubiquitin ligase activity which targets the catalytic subunit of protein phosphatase 2 for degradation. It is a cytoplasmic protein found as a homodimer or heterodimer with Midline-2. It also interacts with IGBP1 (Lymphocyte signaling protein A4). Defects in MID1 are the cause of Opitz syndrome type I (OS-I). OS-I is an X-linked recessive disorder characterized by hypertelorism, genital-urinary defects such as hypospadias in males and splayed labia in females, lip-palate-laryngotracheal clefts, imperforate anus, developmental delay and congenital heart defects. OS-I mutations produce proteins with a decreased affinity for microtubules.
Gene ID:	4281
UniProt:	O15344

Application Details

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

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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