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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58031_P050-Biotin
Product Page	www.avivasysbio.com/mid1-antibody-n-terminal-region-biotin-arp58031-p050-biotin.html
Name	MID1 Antibody - N-terminal region : Biotin (ARP58031_P050-Biotin)
Protein Size (# AA)	552 amino acids
Molecular Weight	60kDa
Conjugation	Biotin
NCBI Gene Id	4281
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	midline 1 (Opitz/BBB syndrome)
Alias Symbols	OS, FXY, OSX, OGS1, XPRF, BBBG1, GBBB1, MIDIN, RNF59, ZNFXY, TRIM18
Peptide Sequence	Synthetic peptide located within the following region: PTCRHVITLSQRGLDGLKRNVTLQNIIDRFQKASVSGPNPSETRRERAF
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is a member of the tripartite motif (TRIM) family, also known as the 'RING-B box-coiled coil (RBCC) subgroup of RING finger proteins. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein forms homodimers which associate with microtubules in the cytoplasm. The protein is likely involved in the formation of multiprotein structures acting as anchor points to microtubules. Mutations in this gene have been associated with the X-linked form of Opitz syndrome, which is characterized by midline abnormalities such as cleft lip, laryngeal cleft, heart defects, hypospadias, and agenesis of the corpus callosum. This gene was also the first example of a gene subject to X inactivation in human while escaping it in mouse.
Protein Interactions	STK36; MID2; UBE2E3; DYRK4; UBE2E2; UBE2E1; UBE2D3; UBE2D2; UBE2D1; PKN1; PPP2R4; PPP2CA; MID1; MEOX1; FKBP1A; EHHADH; BYSL; TCEANC; UBD1; OTUB2; GMCL1; HTT; IGBP1; PNKP; MID1IP1; GNB2L1; RPS8; RPS3; NPM1; HSP90AA1; EEF1A1; ANXA2; UBC; UBE2D4; UBE2N; ELA
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-MID1 (ARP58031_P050-Biotin) antibody
Blocking Peptide	For anti-MID1 (ARP58031_P050-Biotin) antibody is Catalog# AAP58031
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human MID1
Uniprot ID	O15344-2
Protein Name	Midline-1
Purification	Affinity Purified
Gene Symbol	MID1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 85%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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