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Datasheet

MID1 polyclonal antibody (A01)

Catalog Number: H00004281-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant MID1.

Immunogen: MID1 (AAH53626, 441 a.a. ~ 540 a.a) partial recombinant protein with GST tag.

Sequence:
PNIKQNHYTVHGLQSGTKYIFMVKAINQAGSRSSEPGK
LKTNSQPFKLDPKSAHRKLKVSHDNLTVERDESSSKK
SHTPERFTSQGSYGVAGNVFIDSGR

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4281

Gene Symbol: MID1

Gene Alias: BBBG1, FXY, GBBB1, MIDIN, OGS1, OS, OSX, RNF59, TRIM18, XPRF, ZNFXY

Gene Summary: 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. Several different transcript variants are generated by alternate splicing; however, the full-length nature of some of the variants has not been determined. [provided by RefSeq]