

## Product datasheet for **TA344482**

### MID1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-MID1 antibody is: synthetic peptide directed towards the N-terminal region of Human MID1. Synthetic peptide located within the following region: PTCRHVITLSQRGLDGLKRNVTLQNIIDRFQKASVSGPNPSETRRERAF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	midline 1
Database Link:	<a href="#">NP_000372</a> <a href="#">Entrez Gene 4281 Human</a> <a href="#">O15344</a>



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**Background:**

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.

**Synonyms:**

BBBG1; FXY; GBBB1; MIDIN; OGS1; OS; OSX; RNF59; TRIM18; XPRF; ZNFXY

**Note:**

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 93%; Zebrafish: 85%

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Ubiquitin mediated proteolysis

**Product images:**

Host: Rabbit; Target Name: MID1; Sample Tissue: Transfected 293T Whole Cell lysates; Antibody Dilution: 1.0 ug/ml