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Datasheet for ABIN2806044

anti-Midline 2 antibody (AA 251-350) (Alexa Fluor 594)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | Midline 2 (MID2) |
| Binding Specificity: | AA 251-350 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Midline 2 antibody is conjugated to Alexa Fluor 594 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human RNF60/Midline-2 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Dog,Sheep,Pig,Horse,Chicken |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | Midline 2 (MID2) |
| Alternative Name: | RNF60/Midline-2 (MID2 Products) |

Target Details

Background: Synonyms: FXY2, MID2, Midin-2, Midline 2, Midline defect 2, Midline-2, Probable E3 ubiquitin-protein ligase MID2, RING finger protein 60, Ring finger protein protein 60, RNF60, TRIM1, TRIM1_HUMAN, Tripartite mot protein 1, Tripartite mot-containing protein 1, Tripartite mot-containing protein 1, Midline defect 2, FLJ37715, FLJ41813.

Background: Midline-2 is a 715 amino acid protein encoded by the human gene MID2. Midline-2 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-2 is a cytoplasmic protein found as a homodimer or heterodimer with Midline-1. It also interacts with IGBP1 (Lymphocyte signaling protein A4). Dimerization is mediated by the tripartite motif (RBCC, RING- and B box-type zinc fingers and coiled coil domains) and microtubule association is dependent on the C-terminal B30.2 domain. Midline-2 is expressed at low levels in fetal kidney and lung, and in adult prostate, ovary and small intestine.

Gene ID: 26040

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 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

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

Expiry Date: 12 months