



Rabbit Anti-MID2 antibody

SL11029R

Product Name:	MID2
Chinese Name:	Ring finger protein60抗体
Alias:	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 motif protein 1; Tripartite motif-containing protein 1; Tripartite motif-containing protein 1; Midline defect 2; FLJ37715; FLJ41813.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	83kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Midline-2:251-350/735
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Subunit:

Homodimer or heterodimer with MID1. Interacts with IGBP1.

Tissue Specificity:

Low level in fetal kidney and lung, and in adult prostate, ovary and small intestine.

Post-translational modifications:

Phosphorylated on serine and threonine residues.

Similarity:

Belongs to the TRIM/RBCC family.
Contains 2 B box-type zinc fingers.
Contains 1 B30.2/SPRY domain.
Contains 1 COS domain.
Contains 1 fibronectin type-III domain.
Contains 1 RING-type zinc finger.

SWISS:

Q9UJV3

Gene ID:

11043

Database links:

[Entrez Gene: 422131](#)Chicken

[Entrez Gene: 11043](#)Human

[Entrez Gene: 23947](#)Mouse

[Entrez Gene: 100157515](#)Pig

[Entrez Gene: 363502](#)Rat

[Omim: 300204](#)Human

[SwissProt: Q9UJV3](#)Human

[SwissProt: Q9QUS6](#)Mouse

[Unigene: 12256](#)Human

[Unigene: 131097](#)Mouse

	<p>Important Note:</p>
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This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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