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Rabbit Anti-TRIM9/Cy5.5 Conjugated antibody

SL17139R-Cy5.5

Product Name	Anti-TRIM9/Cy5.5
Chinese Name	Cy5.5 标记的 TRIM9 蛋白抗体
Alias	E3 ubiquitin-protein ligase TRIM9; HGNC:16288; Homolog of rat RING finger Spring; KIAA0282; RING finger protein 91; RNF 91; RNF91; SPRING; TRIM 9; Tripartite motif containing 9; Tripartite motif containing protein 9; Tripartite motif protein 9.
Research Area	Cell biology immunology transcriptional regulatory factor Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human,Dog,Pig,Cow,Rabbit,Sheep)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	79kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human TRIM9
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** The protein encoded by this gene is a member of the tripartite motif (TRIM) family. 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. The protein

localizes to cytoplasmic bodies. Its function has not been identified. Alternate splicing of this gene generates two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Function:
TRIM9 is a member of the tripartite motif (TRIM) family. 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. The protein localizes to cytoplasmic bodies. Its function has not been identified. Alternate splicing of this gene generates two transcript variants encoding different isoforms.The protein encoded by this gene is a member of the tripartite motif (TRIM) family. 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. The protein localizes to cytoplasmic bodies. Its function has not been identified. Alternate splicing of this gene generates two transcript variants encoding different isoforms.

Subunit:
Interacts with SNAP25.

Subcellular Location:
Cytoplasmic

Post-translational modifications:
Brain. Highly expressed in the cerebral cortex (at protein level). Severely decreased in the affected brain areas in Parkinson disease and dementia with Lewy bodies.

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.

Database links:

Entrez Gene: 114088 Human

Entrez Gene: 94090 Mouse

Entrez Gene: 155812 Rat

Omim: 606555 Human

SwissProt: Q9C026 Human

SwissProt: Q8C7M3 Mouse

SwissProt: Q91ZY8 Rat

Unigene: 654750 Human

Unigene: 184012 Mouse

Unigene: 209223 Rat

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