Polyclonal Antibody Recognizing the Human RIN2 Protein

Tech ID: 22099 / UC Case 2011-464-0

SUMMARY

BACKGROUND

INNOVATION

RIN2 is a RAS effector protein with guanine nucleotide exchange factor (GEF) activity for RAB5 family GTPases. RIN2 is part of a cerebral cavernous malformations (CCM) signaling complex implicated in sporadic or inherited vascular lesions of the central nervous system. Additionally, RIN2 deficiencies are linked to the human connective tissue disorders MACS syndrome2 and RIN2 syndrome3. UCLA researchers have developed a novel polyclonal antibody to detect the human RIN2 protein. The efficacy of this antibody has been confirmed for a number of applications, including immunoprecipitation, immunoblot and immunofluorescence.

APPLICATIONS

This innovation allows the investigator to explore the physiological functions of RIN2 using a variety of molecular biology and biochemistry techniques.

ADVANTAGES

STATE OF DEVELOPMENT

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INVENTORS

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OTHER INFORMATION

CATEGORIZED AS

- **Research Tools**
  - Animal Models

RELATED CASES

2011-464-0

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- Use of a Gene and Related Mouse Model for the Study and Development of Therapeutics for Neuropsychiatric Disorders

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