Rabbit anti RIC8 Polyclonal Antibody

Alternative Name(s): Resistance to inhibitors of cholinesterase 8 homolog; RIC-8; RIC8A

Order Information

- **Description:** RIC8
- **Catalogue:** 620-570
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu, Ms, Rt

ANTIGEN PREPARATION

Resistance RIC8

BACKGROUND

RIC8, guanine nucleotide exchange factor A, a 520-amino acid protein, belongs to member of the Synembryn family. The cellular localization is predicted to be cytoplasmic. RIC-8 was originally found by genetic studies on C. elegans mutants that were resistant to inhibitors of acetylcholinesterase and reported to act in vitro as a guanine nucleotide exchange factor for G protein alpha subunits. Ric-8A was translocated to the cell membrane in response to the G-coupled receptor stimulation. It enhances ERK activation and the guanine nucleotide exchange activity.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes human RIC8 protein. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at –20oC to –70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

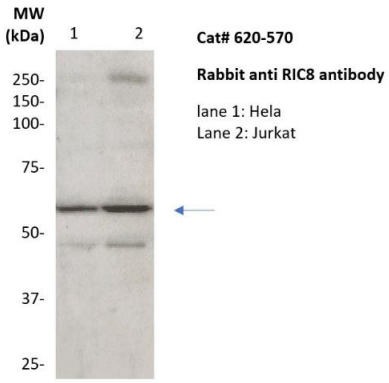
APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 58.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com

DATA ATTACHMENTS



Western Blot: The whole lysate derived from Hela and Jurkat (20 ug/lane) immunoblotted by Rabbit anti – RIC8 (Cat# 620-570) at 1:500. Observed a major immunoreactive band at molecular weight ~60 kDa.

REFERENCES