



Rabbit anti Fibulin-2 Polyclonal Antibody

Alternative Name(s): FBLN2; fibulin 2; FIBL-2

Order Information

- **Description:** Fibulin-2
- **Catalogue:** 600-630
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu, Rt, Ms

ANTIGEN PREPARATION

A synthetic peptide corresponding to the 1140-1165aa of Fibulin-2 protein. This sequence is identical to mouse, human and rat

BACKGROUND

Fibulin-2, a 1221 amino acids protein containing 26-residue signal peptide, is an extracellular matrix protein expressed by normal epithelia. Study by immunofluorescence localizations using mouse tissue, Fibulin-2 was extracellular localized in basement membrane and other connective tissue compartments. By Immunohistochemistry, Fibulin-2 was expressed in fibroblasts but not in several tumor cell lines. In the serum level of fibulin-2 is 1,000-fold lower than that of fibulin-1. Fibulin-2 was found to be down-regulated in several breast cancer cell lines as well as the decreased expression in breast cancer tissue samples. Re-introduction of Fibulin-2 into breast cancer cell lines that do not express Fibulin-2 reduced cancer cell motility and invasion in vitro but had no effect on cell growth and adhesion properties. Together with evidence that Fibulin-2 contributes to wound healing and inhibits smooth muscle cell migration. The loss of Fibulin-2 expression may facilitate migration and invasion in breast cancer.

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 Fibulin-2 Protein. It cross-reacts with human, mouse and rat. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C 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: 48.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

FOR RESEARCH USE ONLY.

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



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

FOR RESEARCH USE ONLY.

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 tissue lysate derived from mouse kidney was resolved onto 10% SDS-PAGE, transferred onto NC membrane, and immunoprobed by Rabbit anti Fibulin-2 (Cat#600-630) at 1:500. An immunoreactive band around ~130 kDa was observed.

REFERENCES

FOR RESEARCH USE ONLY.

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