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(818)-707-0392 (Fax)
order@abiocode.com
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LGALS8 (N) Antibody, Rabbit Polyclonal

Cat#: R2327-1

Quantity: 100 ul

Predicted | Observed MW: 36 | 40 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: O00214

Background:

Galectin-8 (LGALS8) is a cytoplasmic protein of the galectin family that contains 2 galectin domains. Galectins are beta-galactoside-binding lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. LGALS8 exhibits a marked preference for 3'-O-sialylated and 3'-O-sulfated glycans, and is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. LGALS8 has recently been shown to act as a danger receptor in defence against intracellular pathogens.

Other Names:

Galectin-8, Gal-8, Po66 carbohydrate-binding protein, Po66-CBP, Prostate carcinoma tumor antigen 1, PCTA-1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human LGALS8. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Species Specificity:

Human, Mouse

Product Data:

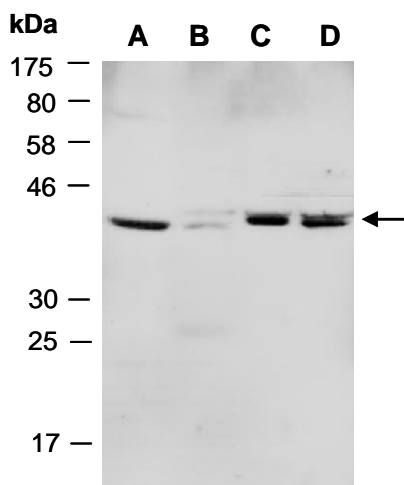


Fig 1. Western blot of total cell extracts from (A) mouse brain, (B) mouse thymus, (C) human Jurkat, (D) human HeLa; using anti-LGALS8 (N) (R2327-1) at RT for 2 h.