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

Cat#: R2250-1

Quantity: 100 ul

Predicted | Observed M.W.: 58 | 60 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P42685

Background:

FRK, tyrosine-protein kinase FRK, is a non-receptor tyrosine-protein kinase that negatively regulates cell proliferation. Positively regulates PTEN protein stability through phosphorylation of PTEN on 'Tyr-336', which in turn prevents its ubiquitination and degradation, possibly by reducing its binding to NEDD4. FRK also may function as a tumor suppressor. FRK is predominantly expressed in epithelial derived cell lines and tissues, especially normal liver, kidney, breast and colon.

Other Names:

FYN-related kinase, Nuclear tyrosine protein kinase RAK, Protein-tyrosine kinase 5, PTK5, RAK, GTK

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human FRK. 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.

Species Specificity:

Human, Mouse

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.

Product Data:

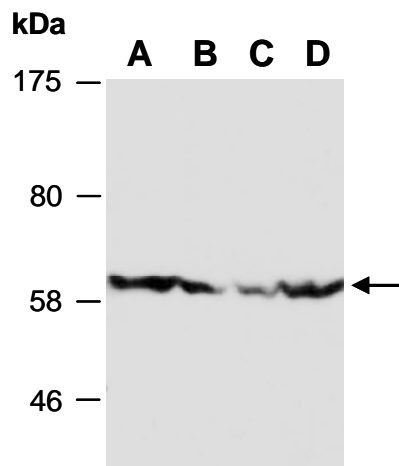


Fig 1. Western blot of total cell extracts from (A) mouse brain, (B) mouse thymus, (C) human HeLa, (D) human Jurkat; using anti-FRK (N) (R2250-1) at RT for 2 h.