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FGF2 (N) Antibody, Rabbit Polyclonal

Cat#: R0103-1

Quantity: 100 ug

Predicted M.W.: 31 kDa

Lot#: Refer to vial

Application: WB, ELISA

Uniprot ID: Q7TPG9

Background:

Fibroblast growth factor 2 (basic) (FGF2) is a member of the FGF family of proteins that bind to heparin. FGF2 has been implicated in a multitude of biological processes, such as limb and nervous system development, wound healing and tumor growth. The mRNA for this gene is alternatively translated from non-AUG and AUG initiation codons resulting in five different isoforms with distinct properties.

Other Names:

DN-452A22.6, Fgf-2, Fgfb, bFGF

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse FGF2. 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:

Mouse

Tested Applications:

WB: 1:1,000-1:5,000 (detect recombinant protein)

ELISA: 1:1,000- 1:10,000 (detect native recombinant protein in a direct ELISA assay).
Suitable for using as ELISA capture or detection antibody.

Product Data:

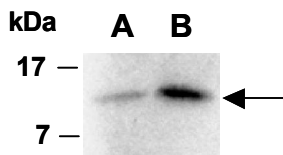


Fig 1. Western blot of recombinant mouse FGF2 protein (A: 10 ng, B:100 ng), using Ab (R0103-1) at RT for 2 h.