

Product datasheet

Anti-FGF1 antibody (Biotin) ab12474

Overview

Product name	Anti-FGF1 antibody (Biotin)
Description	Rabbit polyclonal to FGF1 (Biotin)
Host species	Rabbit
Conjugation	Biotin
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein (Human).

Properties

Form	Liquid
Storage instructions	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: PBS, pH 7.2
Purity	Immunogen affinity purified
Purification notes	ab12474 antiserum was affinity purified using immobilized recombinant Human FGF1.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab12474 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		
WB		

Application notes ELISA: Use at a concentration of 0.15 - 0.3 µg/ml. Sensitivity = 0.2 ng/well

WB: Use at a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 18.6 kDa. Sensitivity = 1.5-3.0 ng/lane

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function	The heparin-binding fibroblast growth factors play important roles in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. They are potent mitogens in vitro.
Sequence similarities	Belongs to the heparin-binding growth factors family.
Cellular localization	Secreted. Cytoplasm. Cytoplasm > cell cortex. Lacks a cleavable signal sequence. Within the cytoplasm, it is transported to the cell membrane and then secreted by a non-classical pathway that requires Cu(2+) ions and S100A13. Secreted in a complex with SYT1.

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