

For Research Use Only

FGF3-Specific Polyclonal antibody

Catalog Number: 16874-1-AP



Basic Information

Catalog Number:

16874-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005247

GeneID (NCBI):

2248

UNIPROT ID:

P11487

Full Name:

fibroblast growth factor 3 (murine mammary tumor virus integration site (v-int-2) oncogene homolog)

Calculated MW:

27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : mouse cerebellum tissue, human liver cancer tissue, human placenta tissue

Background Information

FGF3 is a member of the Fibroblast growth factor family, binding to Fibroblast Growth Factor Receptor 3 (FGFR3). Frequent amplification of this gene has been found in human tumors, which may be important for neoplastic transformation and tumor progression. FGF-3 was reported to be responsible for most of breast malignancies. This antibody is specific to FGF-3. It does not bind other FGFs.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

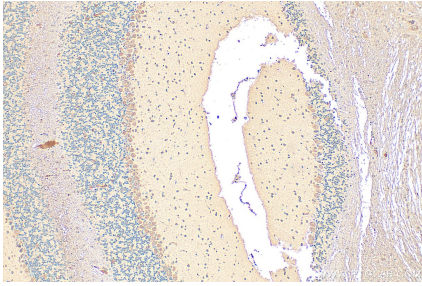
For technical support and original validation data for this product please contact:

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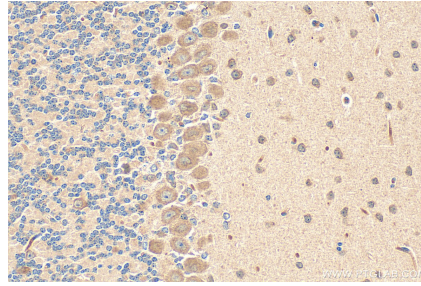
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 16874-1-AP (FGF3-Specific antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 16874-1-AP (FGF3-Specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).