

For Research Use Only

FGFR1OP Polyclonal antibody

Catalog Number: 11343-1-AP

Featured Product

16 Publications



Basic Information

Catalog Number:

11343-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1891

GenBank Accession Number:

BC011902

GeneID (NCBI):

11116

UNIPROT ID:

O95684

Full Name:

FGFR1 oncogene partner

Calculated MW:

43 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, zebrafish

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:

WB: HEK-293 cells, mouse heart tissue, U-937 cells, HL-60 cells, MCF-7 cells, HeLa cells

IHC: human lymphoma tissue,

IF/ICC: HeLa cells, HEK-293 cells

Background Information

The fibroblast growth factor receptor 1 oncogene partner (FGFR1OP), FOP, is a centrosomal protein that is involved in the anchoring of microtubules to subcellular structures. Three isoforms have been produced by alternative splicing. A chromosomal aberration involving FGFR1OP may be a cause of stem cell myeloproliferative disorder (MPD). MPD is characterized by myeloid hyperplasia, eosinophilia and T-cell or B-cell lymphoblastic lymphoma and progresses to acute myeloid leukemia.

Notable Publications

Author	Pubmed ID	Journal	Application
Abraham Nguyen	36322399	Mol Biol Cell	IF
Tomoharu Kanie	28625565	Dev Cell	WB
Dhivya Kumar	34241634	J Cell Biol	IF

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

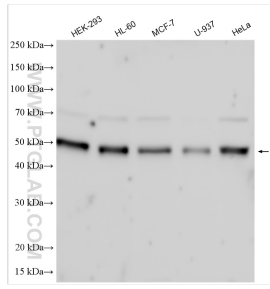
T: 4006900926

E: Proteintech-CN@ptglab.com

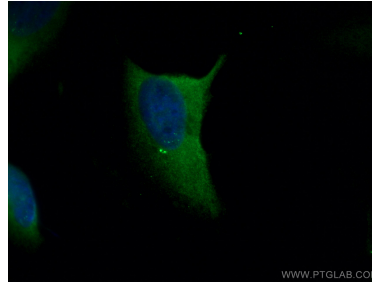
W: ptgcn.com

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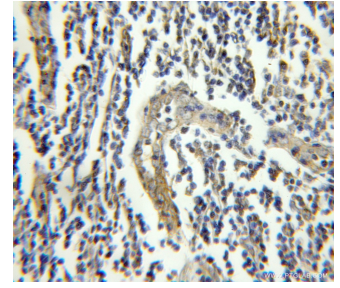
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11343-1-AP (FGFR1OP antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using FGFR1OP antibody (11343-1-AP) at dilution of 1:100 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human lymphoma using 11343-1-AP (FGFR1OP antibody) at dilution of 1:50 (under 10x lens).