Datasheet for ABIN1386812
anti-FGFR1OP antibody (AA 151-250)


## Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | FGFR1OP |
| Binding Specificity: | AA 151-250 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | This FGFR1OP antibody is un-conjugated |
| Conjugate: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- |
|  | embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human FOP/FGFR1OP |
| :--- | :--- |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Pig |
| Purification: |  |
| Targified by Protein A. |  |
| Target: | FGFR1OP |
| Alternative Name: | FGFR1OP (FGFR1OP Products) |


| Background: | Synonyms: FGFR1 oncogene partner, FGFR10P, Fibroblast growth factor receptor 1 oncogene partner, FOP, FR1OP_HUMAN, OTTHUMP00000017612, OTTHUMP00000017613. <br> Background: FOP, is a 399 amino acid protein that localizes to the centrosome and contains one LisH domain. Expressed ubiquitously with highest expression in kidney, heart, muscle, colon, liver, testis and pancreas, FOP functions as a homodimer that interacts with EB1 and CEP350 and is essential for anchoring microtubules to centrosomes. Chromosomal aberrations that involve the FOP gene are associated with the pathogenesis of stem cell myeloproliferative disorder (MPD), a condition that is characterized by eosinophilia and myeloid hyperplasia and ultimately leads to acute myeloid leukemia. FOP is expressed as multiple isoforms that are produced by alternative splicing events. |
| :---: | :---: |
| Gene ID: | 11116 |
| Pathways: | M Phase, Maintenance of Protein Location, SARS-CoV-2 Protein Interactome |
| Application Details |  |
| Application Notes: | WB 1:300-5000 |
|  | ELISA 1:500-1000 |
|  | IHC-P 1:200-400 |
|  | IHC-F 1:100-500 |
|  | IF(IHC-P) 1:50-200 |
|  | IF(IHC-F) 1:50-200 |
|  | IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Concentration: | $1 \mu \mathrm{~g} / \mu \mathrm{L}$ |
| Buffer: | 0.01M TBS( pH 7.4 ) with $1 \%$ BSA, 0.02 \% Proclin300 and $50 \%$ Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | $4^{\circ} \mathrm{C},-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Shipped at $4^{\circ} \mathrm{C}$. Store at $-20^{\circ} \mathrm{C}$ for one year. Avoid repeated freeze/thaw cycles. |

