

## Anti-FOLR1 antibody (1-100) (STJ118118)

### GENERAL INFORMATION

|               |                       |
|---------------|-----------------------|
| Product Type  | Primary antibodies    |
| Applications  | WB/IHC-P/IF/ICC/ELISA |
| Host / Source | Rabbit                |
| Reactivity    | Human/Mouse/Rat       |

### PRODUCT PROPERTIES

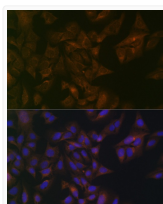
|                     |                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                         |
| Concentration       | Lot specific                                                                                                                                                                                       |
| Conjugation         | Unconjugated                                                                                                                                                                                       |
| Purification        | Affinity purification                                                                                                                                                                              |
| Dilution Range      | WB:1:500-1:2000<br>IHC-P:1:50-1:200<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.                                                                                                                                                   |
| Isotype             | IgG                                                                                                                                                                                                |
| Molecular Weight    | Protein Mw: 30kDa<br>Observed Mw: 37kDa                                                                                                                                                            |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                     |

### TARGET INFORMATION

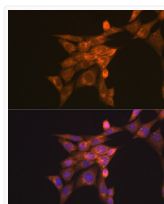
|                    |                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">2348</a>                                                                                                                 |
| Gene Symbol        | <a href="#">FOLR1</a>                                                                                                                |
| UniProt ID         | <a href="#">FOLR1_HUMAN</a>                                                                                                          |
| Immunogen Region   | 1-100                                                                                                                                |
| Immunogen Sequence | MAQRMTTQLLLLLVWVAVVG EAQTRIAWARTELLNVCMA KHKKEKPGPEDKLHEQCRPW<br>RKNACCSTNTSQEAHKDVS YLRFNWNHC GEMAPACKRHF                           |
| Specificity        | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Folate Binding Protein (FBP) /FOLR1 (NP_000793.1). |

### ADDITIONAL INFORMATION

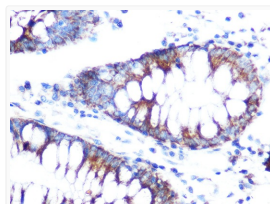
**Note** STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



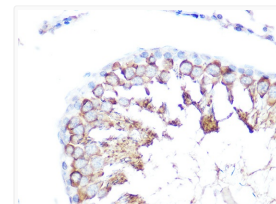
Immunofluorescence analysis of U-2 OS cells using Folate Binding Protein (FBP) / FOLR1 Rabbit polyclonal antibody (STJ118118) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



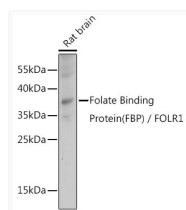
Immunofluorescence analysis of NIH-3T3 cells using Folate Binding Protein (FBP) / FOLR1 Rabbit polyclonal antibody (STJ118118) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of Folate Binding Protein (FBP) / FOLR1 in paraffin-embedded human colon using Folate Binding Protein (FBP) / FOLR1 Rabbit polyclonal antibody (STJ118118) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Folate Binding Protein (FBP) / FOLR1 in paraffin-embedded rat testis using Folate Binding Protein (FBP) / FOLR1 Rabbit polyclonal antibody (STJ118118) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from Rat brain, using Folate Binding Protein (FBP) / FOLR1 Rabbit polyclonal antibody (STJ118118) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.