

## TFRC Polyclonal Antibody

**catalog number: E-AB-61161**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

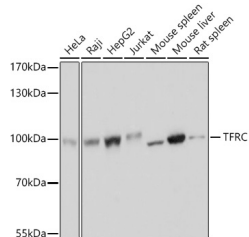
### Description

|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Human;Mouse;Rat  |
| <b>Immunogen</b>    | Recombinant fusion protein of human TFRC (NP_001121620.1).                         |
| <b>Host</b>         | Rabbit   |
| <b>Isotype</b>      | IgG  |
| <b>Purification</b> | Affinity purification  |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

### Applications

| Applications | Recommended Dilution |
|--------------|----------------------|
| <b>WB</b>    | 1:500-1:2000         |
| <b>IHC</b>   | 1:50-1:200           |
| <b>IF</b>    | 1:50-1:200           |

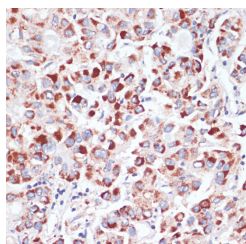
### Data



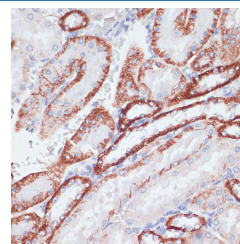
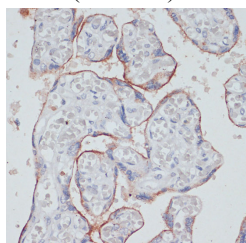
Western blot analysis of extracts of various cell lines using TFRC Polyclonal Antibody at dilution of 1:3000.

**Observed-MW:100 kDa**

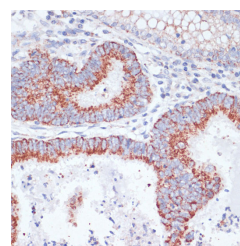
**Calculated-MW:84 kDa**



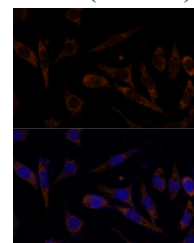
Immunohistochemistry of paraffin-embedded Human liver cancer using TFRC Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Rat kidney using TFRC Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human colon carcinoma using TFRC Polyclonal Antibody at dilution of 1:100 (40x lens).



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Immunohistochemistry of paraffin-embedded Human placenta using TFRC Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunofluorescence analysis of L929 cells using TFRC Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

## Preparation & Storage

**Storage**

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping**

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified.

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