# TFRC Polyclonal Antibody

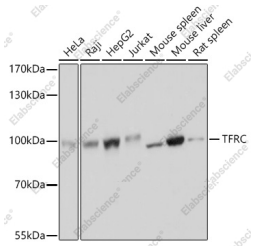
**catalog number:** **E-AB-61161**

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

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

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:50-1:200 |
| **IF** | 1:50-1:200 |

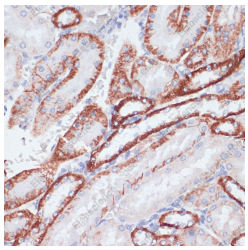
## Data



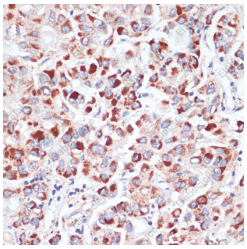

Western blot analysis of extracts of various cell lines using TFRC Polyclonal Antibody at dilution of 1:3000.

**Observed-MW:100 kDa**

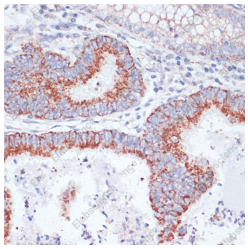
**Calculated-MW:84 kDa**



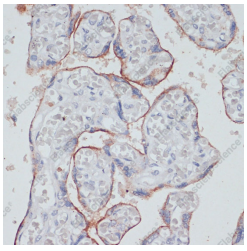
Immunohistochemistry of paraffin-embedded Rat kidney using TFRC Polyclonal Antibody at dilution of 1:100 (40x lens).

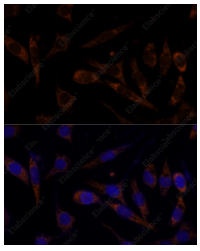


Immunohistochemistry of paraffin-embedded Human liver cancer using TFRC Polyclonal Antibody at dilution of 1:100 (40x lens).



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





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.