

## Datasheet for ABIN934749 **Transferrin Protein (TF)**

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### Overview

|               |                                                          |
|---------------|----------------------------------------------------------|
| Quantity:     | 5 mg                                                     |
| Target:       | Transferrin (TF)                                         |
| Origin:       | Rat                                                      |
| Source:       | Rat                                                      |
| Protein Type: | Native                                                   |
| Application:  | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

### Product Details

|                  |                                                                         |
|------------------|-------------------------------------------------------------------------|
| Characteristics: | Highly purified rat transferrin protein<br>Protein Source: Normal serum |
| Purification:    | Delipidation and selective precipitation followed by dialysis           |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Transferrin (TF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Alternative Name: | Transferrin ( <a href="#">TF Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Background:       | <p>Transferrins are iron-binding blood plasma glycoproteins that control the level of free iron in biological fluids. In humans, it is encoded by the TF gene. Transferrin is a glycoprotein that binds iron very tightly but reversibly. Although iron bound to transferrin is less than 0.1 % (4 mg) of the total body iron, it is the most important iron pool, with the highest rate of turnover (25 mg/24 h). Transferrin has a molecular weight of around 80 kDa and contains 2 specific high-affinity Fe(III) binding sites.</p> <p>Description: Normal serum.</p> |

## Target Details

Alternative Names: Serotransferrin precursor protein, PRO1400 protein, beta 1 metal binding globulin protein, Apotransferrin protein, DKFZp781D0156 protein, TF protein, Siderophilin protein, PRO2086 protein, PRO1557 protein

Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

## Handling

Buffer: 0.01 M Na3PO4, pH 7.6, with 0.21 M NaCl.

Handling Advice: Dilute only prior to immediate use.

Storage: 4 °C