

Datasheet for ABIN635270

**anti-Transferrin Receptor 2 antibody (N-Term)**[Go to Product page](#)**1** Image

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | Transferrin Receptor 2 (TFR2)                         |
| Binding Specificity: | N-Term  |
| Reactivity:          | Human, Mouse, Rat                                     |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This Transferrin Receptor 2 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                                 |

## Product Details

|               |   |
|---------------|---|
| Immunogen:    | TFR2 antibody was raised using the N terminal of TFR2 corresponding to a region with amino acids RAALSRQKLDHVWTDTHYVGLQFPDPAHPNTLHWVDEAGKVGEQLPLEDP |
| Specificity:  | TFR2 antibody was raised against the N terminal of TFR2   |
| Purification: | Affinity purified   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | Transferrin Receptor 2 (TFR2)  |
| Alternative Name: | TFR2 ( <a href="#">TFR2 Products</a> )   |
| Background:       | TFR2, a member of the transferrin receptor-like family, is a single-pass type II membrane protein with a protease associated (PA) domain, an M28 peptidase domain and a transferrin receptor-like dimerization domain. This protein mediates cellular uptake of transferrin-bound iron and |

## Target Details

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mutations in this gene have been associated with hereditary hemochromatosis type III.

Molecular Weight: 89 kDa (MW of target protein)

Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

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Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: TFR2 Blocking Peptide, catalog no. 33R-7800, is also available for use as a blocking control in assays to test for specificity of this TFR2 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of TFR2 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** TFR2 antibody used at 1 ug/ml to detect target protein.