

**TFR2 rabbit pAb****Cat#: orb773911 (Manual)**

For research use only. Not intended for diagnostic use.

<b>Product Name</b>	TFR2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	TFR2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Transferrin receptor protein 2 (TfR2)
<b>Gene Name</b>	TFR2
<b>Cellular localization</b>	Cell membrane; Single-pass type II membrane protein.; [Isoform Beta]: Cytoplasm . Lacks the transmembrane domain. Probably intracellular.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
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<b>Observed band</b>	88kD
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<b>Human Gene ID</b>	7036
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<b>Human Swiss-Prot Number</b>	Q9UP52
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<b>Alternative Names</b>	
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**Background**

This gene encodes a single-pass type II membrane protein, which is a member of the transferrin receptor-like family. This protein mediates cellular uptake of transferrin-bound iron, and may be involved in iron metabolism, hepatocyte function and erythrocyte differentiation. Mutations in this gene have been associated with hereditary hemochromatosis type III. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2011],