

Product datasheet for **TA356536**

Transferrin Receptor 2 (TFR2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TFR2
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat Homology: Cow: 93%; Dog: 93%; Guinea Pig: 86%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 100%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	89kDa
Gene Name:	transferrin receptor 2
Database Link:	NP_003218 Entrez Gene 7036 Human Q9UP52



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Background:

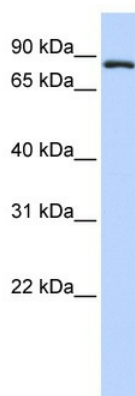
TFR2, a member of the transferrin receptor-like family, is a single-pass type II membrane protein with a protease associated (PA) domain, an M28 peptidase domain and a transferrin receptor-like dimerization domain. This protein mediates cellular uptake of transferrin-bound iron and mutations in this gene have been associated with hereditary hemochromatosis type III. This gene is a member of the transferrin receptor-like family and encodes 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 mutations in this gene have been associated with hereditary hemochromatosis type III. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

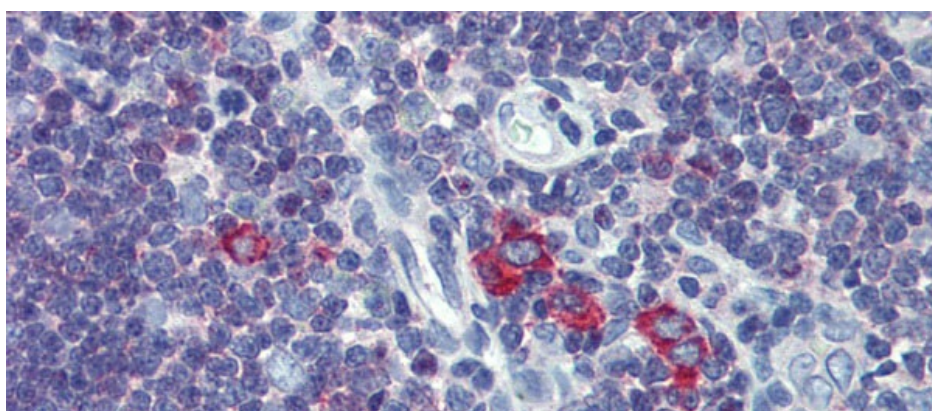
HFE3; MGC126368; TFRC2

Protein Families:

Druggable Genome, Protease, Transmembrane

Product images:

WB Suggested Anti-TFR2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: HeLa cell lysate



Immunohistochemistry with Human Thymus lysate tissue at an antibody concentration of 5.0ug/ml using anti-TFR2 antibody (TA356536)