

Anti-Transferrin Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat,Goat
Molecular Weight:	Theoretical: 77 kDa. Actual: 77 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Lane 1: Serum (Human) at 20 µg Lane 2: Serum (Mouse) at 20 µg Lane 3: Serum (Rat) at 20 µg Lane 4: Serum (Goat) at 20 µg Primary: Anti-Transferrin (TMAB-13730) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 77 kD Observed band size: 77 kD
	2. 25 µg total protein per lane of various lysates (see on figure) probed with Transferrin polyclonal antibody, unconjugated (TMAB-13730) at 1:10000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:2000-10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Full length native Transferrin protein purified from human plasma
Antigen Species:	Human
Gene ID:	7018
Uniprot ID:	P02787

Research Background

This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum. [provided by RefSeq, Sep 2009].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481