

Immunotag™ ANGPTL4 Antibody

Antibody Specification	
Catalog No.	ITA6831
Product Description	Immunotag™ ANGPTL4 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	ANGPTL4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human ANGPTL4
Specificity	ANGPTL4 Antibody detects endogenous levels of total ANGPTL4
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	ANGPTL4
Accession No.	Q9BY76

Antibody Specification

Alternate Names	Angiopoietin like 4; Angiopoietin related protein 4; Angiopoietin-like protein 4; Angiopoietin-related protein 4; ANGL4_HUMAN; ANGPT L2; ANGPT L4; ANGPTL2; Angptl4; ARP4; Fasting induced adipose factor; FIAF; HARP; Hepatic angiopoietin related protein; Hepatic fibrinogen/angiopoietin related protein; Hepatic fibrinogen/angiopoietin-related protein; HFARP; NL2; Peroxisome proliferator-activated receptor (PPAR) gamma induced angiopoietin related protein; PGAR; pp1158; PPARG angiopoietin related protein; PSEC0166; TGQTL; UNQ171; Weakly similar to angiopoietin 1 [H.sapiens];
Description	Protein with hypoxia-induced expression in endothelial cells. May act as a regulator of angiogenesis and modulate tumorigenesis. Inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. May exert a protective function on endothelial cells through an endocrine action. It is directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity. In response to hypoxia, the unprocessed form of the protein accumulates in the subendothelial extracellular matrix (ECM). The matrix-associated and immobilized unprocessed form limits the formation of actin stress fibers and focal contacts in the adhering endothelial cells and inhibits their adhesion. It also decreases motility of endothelial cells and inhibits the sprouting and tube formation (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	45kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.