

KD-Validated Anti-Trophoblast Glycoprotein Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1751

Product Information

Application	WB, FC, ICC
Primary Accession	Q13641
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1990
Calculated MW	46032
Gene Name	TPBG
Aliases	TPBG; Trophoblast Glycoprotein; 5T4; 5T4 Oncofetal Trophoblast Glycoprotein; Wnt-Activated Inhibitory Factor 1; 5T4 Oncotrophoblast Glycoprotein; 5T4 Oncofetal Antigen; 5T4-AG; WAIF1; M6P1; 5T4AG
Immunogen	A synthesized peptide derived from human 5T4

Additional Information

Gene ID	7162
Other Names	Trophoblast glycoprotein, 5T4 oncofetal antigen, 5T4 oncofetal trophoblast glycoprotein, 5T4 oncotrophoblast glycoprotein, M6P1, Wnt-activated inhibitory factor 1, WAIF1, TPBG, 5T4

Protein Information

Name	TPBG
Synonyms	5T4
Function	May function as an inhibitor of Wnt/beta-catenin signaling by indirectly interacting with LRP6 and blocking Wnt3a-dependent LRP6 internalization.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed by all types of trophoblasts as early as 9 weeks of development. Specific for trophoblastic cells except for amniotic epithelium. In adult tissues, the expression is limited to a few epithelial cell types but is found on a variety of carcinoma