

5T4 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54833**Specification**

5T4 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q13641
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46032

5T4 Polyclonal Antibody - 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

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

5T4 Polyclonal Antibody - 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

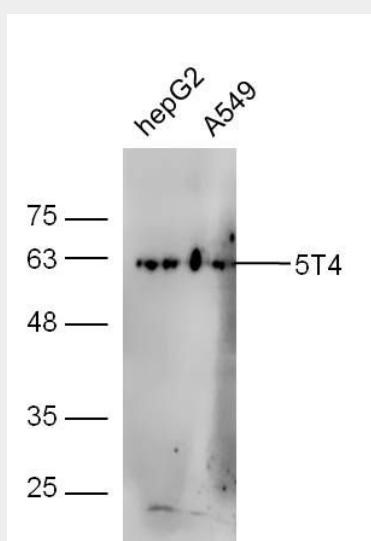
Expressed by all types of trophoblasts as early as 9 weeks of development. Specific for trophoblastic cells except for amniotic epithelium. In adult tissues, the expression is limited to a few epithelial cell types but is found on a variety of carcinoma

5T4 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

5T4 Polyclonal Antibody - Images



Sample:

HepG2 Cell (Human) Lysate at 30 ug

A549 Cell (Human) Lysate at 30 ug

Primary: Anti-5T4 (bs-12348R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 43 kD

Observed band size: 63 kD