

TULP3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54565**Specification**

TULP3 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	075386
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49642

TULP3 Polyclonal Antibody - Additional Information**Gene ID** 7289**Other Names**

Tubby-related protein 3, Tubby-like protein 3, TULP3 (HGNC:12425), TUBL3

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.

TULP3 Polyclonal Antibody - Protein Information**Name** TULP3 ([HGNC:12425](#))**Synonyms** TUBL3**Function**

Negative regulator of the Shh signaling transduction pathway: recruited to primary cilia via association with the IFT complex A (IFT- A) and is required for recruitment of G protein-coupled receptor GPR161 to cilia, a promoter of PKA-dependent basal repression machinery in Shh signaling. Binds to phosphorylated inositide (phosphoinositide) lipids. Both IFT-A- and phosphoinositide-binding properties are required to regulate ciliary G protein-coupled receptor trafficking. During adipogenesis, regulates ciliary trafficking of FFAR4 in preadipocytes.

Cellular Location

Nucleus. Cell membrane. Cell projection, cilium. Cytoplasm. Secreted. Note=Does not have a cleavable signal peptide and is secreted by a non-conventional pathway (By similarity). Translocates from the plasma membrane to the nucleus upon activation of guanine nucleotide-binding protein G(q) subunit alpha

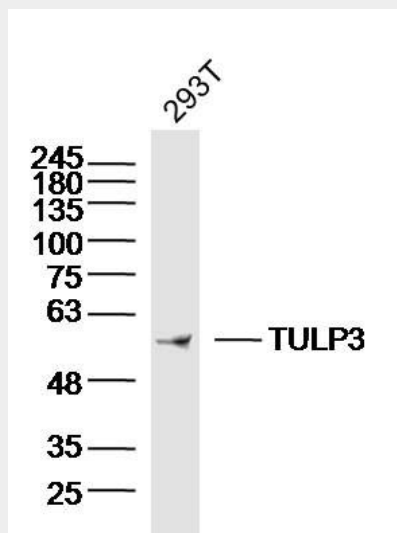
Tissue Location

Expressed at high levels in testis, ovaries, thyroid, and spinal chord.

TULP3 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](#)

TULP3 Polyclonal Antibody - Images

Sample: 293T Cell (human) Lysate at 40 ug
Primary: Anti-TULP3(bs-11605R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50 kD
Observed band size: 50 kD